North American Energy Standards Board
801 Travis, Suite 1675, Houston, Texas 77002
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Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD
WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE MEETING MATERIALS

Tuesday, October 25, 2011 -- 10:00 am to 4:00 pm E

Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA

North American Energy Standards Board
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NORTH AMERICAN ENERGY STANDARDS BOARD EXECUTIVE COMMITTEE MEETING
WHOLESALE ELECTRIC QUADRANT
Tuesday, October 25, 2011 – 10:00 am to 4:00 pm E
Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA - Pumphouse Auditorium

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Attire – Business Casual

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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 the 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
2011 EXECUTIVE COMMITTEE TERMS – Wholesale Gas Quadrant

PRODUCERS SEGMENT		**TERM END:**
Rhonda Denton	Regulatory Affairs, BP Energy Company	12-31-2012
Catherine Abercrombie	Director - Regulatory Affairs, ConocoPhillips Gas and Power Marketing	12-31-2012
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
PIPELINE SEGMENT		
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	Industry Standards Consultant, Williams Gas Pipeline	12-31-2013
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
LOCAL DISTRIBUTION COMPANY (LDC) SEGMENT		
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
Archie Hickerson	Director - Regulatory Affairs and Planning, AGL Resources	12-31-2013
V A C A N C Y		12-31-2012
Craig Colombo	Energy Trader III, Dominion Resources	12-31-2012
END USERS SEGMENT		
Norm Spooner	Supply Chain Manager – Fuel & Term Trading Department, Arizona Public Service Company	12-31-2012
Valerie Crockett	Senior Program Manager - Energy Markets & Policy, Tennessee Valley Authority	12-31-2012
Lori-Lynn C. Pennock	Senior Fuel Supply Analyst, Salt River Project	12-31-2011
Simona Patru	Manager Contract Administration – Energy Marketing & Trading, Florida Power & Light	12-31-2011
Tina Burnett	Natural Gas Resources Administrator, The Boeing Company	12-31-2011
SERVICES SEGMENT		
Craig Fleming	Director of Credit, Sequent Energy Management	12-31-2012
Lisa Simpkins	Vice President, Energy Policy – Natural Gas, Constellation Energy Commodities Group	12-31-2012
Leigh Spangler	CEO, Latitude Technologies, Inc.	12-31-2011
Jim Buccigross	Vice President, 8760 Inc.	12-31-2011
Jeff Jarvis	Senior Counsel, EnCana Marketing (USA), Inc.	12-31-2011

EXECUTIVE COMMITTEE OFFICERS: Jim Buccigross is WGQ chairman of the Executive Committee, Dale Davis is WGQ vice chairman; Mike Novak is the RGQ chairman, Phil Precht is the REQ chairman, Jim Minneman is REQ vice chairman, Kathy York is the WEQ chairman and Jim Castle is the WEQ vice chairman.

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NORTH AMERICAN ENERGY STANDARDS BOARD
2011 EXECUTIVE COMMITTEE TERMS – Retail Electric Quadrant

SERVICE PROVIDERS/SUPPLIERS SEGMENT		**TERM END:**
Bill Barkas	Manager of Retail State Government Relations, Dominion Retail, Inc.	12-31-2011
Jim Minneman	Controller, PPL Solutions, LLC	12-31-2011
Wendell Miyaji	Vice President – Energy Sciences, Comverge, Inc.	12-31-2012
Susan Munson	ERCOT Retail Market Liaison, Electric Reliability Council of Texas (ERCOT)	12-31-2012
UTILITIES SEGMENT		
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	12-31-2012
Michael J. Jesensky	Director – Demand –Side Analysis, Dominion Resources Services, Inc. (representing Dominion Virginia Power)	12-31-2012
END USERS/PUBLIC AGENCIES SEGMENT		
James Bradford Ramsay	General Counsel – Supervisor/Director – NARUC Policy Department, National Association of Regulatory Utility Commissioners (NARUC)	12-31-2011
V A C A N C Y		12-31-2011
V A C A N C Y		12-31-2012
Pam Stonier	Utilities Analyst, Vermont Public Service Board	12-31-2012

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NORTH AMERICAN ENERGY STANDARDS BOARD
2011 EXECUTIVE COMMITTEE TERMS – Wholesale Electric Quadrant

TRANSMISSION SEGMENT		**TERM END:**	**SUBSEGMENT:**
Patrick McGovern	Manager - System Services, Georgia Transmission Corporation	12-31-2011	Muni/Coop
Charles (Chuck) B. Feagans III	Manager – Operations Performance and Standards, Tennessee Valley Authority	12-31-2012	at large
Corey Sellers	Transmission Service Manager, Southern Company	12-31-2012	IOU
Edward Davis	Policy Consultant, Entergy Services, Inc.	12-31-2011	IOU
Robert Bean	Transmission Services Trading Section Leader, Arizona Public Service Company	12-31-2012	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
Kathy York	Senior Program Manager – Energy Markets, Policy, and Compliance Reporting, Tennessee Valley Authority	12-31-2012	Fed/State/Prov.
Sherri Monteith	Regulatory Issues Manager, American Electric Power Service Corp.	12-31-2012	at large
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.	12-31-2012	Merchant
V A C A N C Y		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.	12-31-2012	Muni/Coop
Belinda Thornton	General Manager - Energy Origination, Tennessee Valley Authority	12-31-2011	Fed/State/Prov.
David Lemmons	Senior Manager – Market Operations, Xcel Energy, Inc.	12-31-2012	at large
Richard Lehman	Supply and Trading, Salt River Project	12-31-2011	at large
John Apperson	Director – Commercial and Trading, PacifiCorp Energy	12-31-2012	IOU
Roy True	Manager of Regulatory and Market Affairs, ACES Power Marketing	12-31-2011	at large
Shannon Jones	Market Affairs Specialist, Manitoba Hydro	12-31-2011	at large

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DISTRIBUTION/LOAD SERVING ENTITIES (LSE) SEGMENT		TERM END:	SUBSEGMENT:
Ray Phillips	Manager of Compliance and Special Projects, Alabama Municipal Electric Authority	12-31-2012	Muni/Coop
Robert (Bob) S. Beadle	Manager – Transmission Resources, North Carolina Electric Membership Corporation	12-31-2011	at large
Alan Pritchard	Senior Engineer, Duke Energy Corporation	12-31-2012	IOU
V A C A N C Y		12-31-2011	IOU
Robert Martinko	Consultant FERC Compliance, FirstEnergy Service Company	12-31-2012	at large
Syd Berwager	Industry Restructuring Project Manager, Bonneville Power Administration/Power Business Line	12-31-2011	Other
David Taylor	Director of Standards Regulatory Compliance, North American Electric Reliability Corporation (NERC)	12-31-2011	At-Large
END USERS SEGMENT			
Pam Stonier	Utilities Analyst, Vermont Public Service Board	12-31-2011	at large
Aaron Breidenbaugh	Senior Manager - Regulatory Affairs and Public Policy - New York, EnerNOC, Inc.	12-31-2012	at large
Lou Ann Westerfield	Policy Strategist, Idaho Public Utilities Commission, rep. National Association of Regulatory Utility Commissioners	12-31-2012	Regulator
V A C A N C Y		12-31-2011	at large
Jesse D. Hurley	Chief Executive Officer, Shift Research, LLC	12-31-2012	at large
V A C A N C Y		12-31-2011	at large
Paul Sorenson	Vice President - Central Markets Strategy, Open Access Technology International, Inc.	12-31-2011	At-Large
INDEPENDENT GRID OPERATORS/PLANNERS			
Chris Advena	Manager – Transmission Service, PJM Interconnection, LLC	12-31-2012	
Jim Castle	Manager - Grid Operations, New York Independent System Operator, Inc.	12-31-2012	
Matt Goldberg	Director Reliability & Operations Compliance ISO New England, Inc.	12-31-2012	
Brian Jacobsen	CAISO Manager – Enterprise Model Management, California ISO	12-31-2012	
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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TECHNOLOGY AND SERVICES		
Jim Buccigross	Vice President Energy Industry Practice, 8760 Inc.	12-31-2012
Andy Tritch	Senior Business Analyst, SunGard	12-31-2012
V A C A N C Y		12-31-2012
V A C A N C Y		12-31-2012
V A C A N C Y		12-31-2011
V A C A N C Y		12-31-2011
V A C A N C Y		12-31-2011

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2011 EXECUTIVE COMMITTEE TERMS – Retail Gas Quadrant

SERVICE PROVIDERS/SUPPLIERS SEGMENT		**TERM END:**
Dwight M. Whitley, Jr.	Corporate Counsel, Sierra Southwest Cooperative Services, Inc.	12-31-2011
V A C A N C Y		12-31-2011
Richard Zollars	Director - Data and Billing, Dominion Retail, Inc.	12-31-2012
V A C A N C Y		12-31-2012
DISTRIBUTORS SEGMENT		
Dan Jones	Supervisor - Certified Supplier Business Center, Duke Energy	12-31-2011
Julie Compton Pellizzi	Project Leader, AGL Resources, Inc.	12-31-2011
Michael Novak	Assistant General Manager – Federal Regulatory Affairs, National Fuel Gas Distribution Corporation	12-31-2012
V A C A N C Y		12-31-2012
END USERS/PUBLIC AGENCIES SEGMENT		
V A C A N C Y		12-31-2012
V A C A N C Y		12-31-2012
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
2011 EXECUTIVE COMMITTEE ALTERNATES – Wholesale Gas Quadrant

PRODUCER SEGMENT		**DESIGNATION DATE**
Randy E. Parker	Global Regulatory Advisor, ExxonMobil Gas and Power Marketing Company (a division of ExxonMobil Corporation)	08/22/2011
PIPELINE SEGMENT		**DESIGNATION DATE**
Bill Grygar	Vice President, Panhandle Eastern Pipe Line	01/01/2002
Scott Hansen	Questar Pipeline Company	01/01/2002
Ronald G. Tomlinson	Manager – Business Technology, Dominion Transmission, Inc.	04/13/2010
Paul Love	Director, Electronic Customer Services, Natural Gas Pipe Line Company of America	01/01/2002
Mark Gracey	Consultant, Tennessee Gas Pipeline Company	02/28/2006
Tom Gwilliam	Iroquois Gas Transmission System	02/28/2006
LOCAL DISTRIBUTION COMPANY (LDC) SEGMENT		**DESIGNATION DATE**
Rick Ishikawa	Interconnect Account Manager in Capacity Products Group, Southern California Gas Company (Sempra Energy)	01/01/2002
Jim Blasiak	Specialist Federal Regulatory Affairs, Washington Gas Light Company	12/17/2007
George Simmons	FERC Specialist, NiSource Inc.	05/09/2005
Shannon Pierce	Senior Counsel – Interstate Transactions and Gas Operations, AGL Resources	12/16/2010
Scott Butler	Project Manager, Energy Markets Policy Group, Consolidated Edison Company of New York, Inc.	05/31/2005
END USER SEGMENT		**DESIGNATION DATE**
Paul A. Jones	Senior Marketing Representative, Salt River Project	06/09/2008
Art Morris	Gas Originator, Florida Power & Light Company	05/07/2008
Kathy York	Senior Program Manager – Energy Markets, Policy, and Compliance Reporting, Tennessee Valley Authority	01/13/2011
Gregory Derr	Senior Financial Analyst, Arizona Public Service Company	10/18/2011
SERVICES SEGMENT		**DESIGNATION DATE**
Keith Sappenfield	Director, US Regulatory Affairs, Midstream and Marketing, EnCana Oil and Gas (USA), Inc.	06/09/2008
Sylvia Munson	Director – Product Management and Regulatory Compliance, SunGard Energy and Commodities	01/24/2011

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2011 EXECUTIVE COMMITTEE ALTERNATES – Retail Electric Quadrant

SERVICE PROVIDERS/SUPPLIERS SEGMENT		DESIGNATION DATE
Brandon S. Siegel	Manager – Market Management, E:SO (ista)	11/19/2009
H. Neal Allen	Energy Efficiency Manager, Southern Company Services	10/15/2009
UTILITIES SEGMENT		**DESIGNATION DATE**
Keith P. Hock	Director ARES Business Center, Ameren Services Company	01/01/2002
Debbie McKeever	Market Advocate, Oncor	02/03/2010
William J. Welzant	Principal Supplier Services Analyst, Supplier Account Management, Baltimore Gas and Electric Co.	11/25/2007
END USERS/PUBLIC AGENCIES SEGMENT		**DESIGNATION DATE**
Robin J. Lunt	Assistant General Counsel, National Association of Regulatory Utility Commissioners (NARUC)	02/03/2011

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NORTH AMERICAN ENERGY STANDARDS BOARD
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TRANSMISSION SEGMENT		SUB-SEGMENT	DESIGNATION DATE
Craig L. Williams	Market Interface Manager, Western Electricity Coordinating council (WECC)	At Large	06/27/2011
Abbey J. Nulph	Senior Public Utilities Specialist, Bonneville Power Administration	Fed/State/Prov.	12/15/2010
Sarah E. Edmonds	Director of Transmission Regulation, Strategy and Policy, PacifiCorp	IOU	09/03/2010
Jane Daly	Rate & Regulatory Advisor, Arizona Public Service Company	IOU	03/09/2007
Lori Molotch	Transmission Services Trader Senior, Arizona Public Service Company	IOU	12/21/2010
Narinder Saini	Policy Consultant, Entergy Services, Inc.	IOU	03/23/2007
J.T. Wood	Southern Company Services	IOU	02/02/2007
Joshua Jenkins	Sr. Engineer – Transmission Policy and Services, Southern Company Services	IOU	01/19/2011
Ross Kovacs	Transmission Strategic Coordinator, Georgia Transmission Corporation	Muni/Coop	06/18/2009
GENERATION SEGMENT		**SUB-SEGMENT**	**DESIGNATION DATE**
Lou Oberski	Director – Electric Market Policy, Dominion Resources Services, Inc (Dominion Energy Marketing, Inc.)	IOU	04/28/2008
Francis Halpin	Bonneville Power Administration	Fed/State/Prov.	01/01/2002
MARKETER/BROKER SEGMENT		**SUB-SEGMENT**	
Jeff Ackerman	Manager, CRSP-Energy Mgmt., Western Area Power Administration	Fed/State/Prov	01/01/2002
Brenda Anderson	Bonneville Power Administration	Fed/State/Prov	01/01/2002
Valerie Crockett	Senior Program Manager, Energy Markets & Policy, Tennessee Valley Authority	Fed/State/Prov	01/27/2005
Joel Dison	Project Manager, Southern Company Generation and Energy Marketing (Southern Company Services, Inc.)	IOU	01/16/2008
Kevin M. Pera	Transmission Analyst, Xcel Energy, Inc.	IOU (at large)	08/12/2011

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DISTRIBUTION/LSE SEGMENT		SUB-SEGMENT	DESIGNATION DATE
Andy Rodriquez	Director of Standards Development, North American Electric Reliability Corporation (NERC)	At-Large	02/03/2011
Lee Hall	Coordination Manager – Power Services, Bonneville Power Administration	Other	10/24/2008
James R. Manning	Senior Engineer – Transmission Resources, North Carolina Electric Membership Corporation	Muni/Coop	01/03/2011
Ronald C. Snead	General Manager, System Planning and Business Services, Duke Energy Corp.	IOU	06/18/2010
END USER SEGMENT		**SUB-SEGMENT**	**DESIGNATION DATE**
Mark W. Hackney	Regional Director – Transmission, Open Access Technology International, Inc.	At-Large	06/29/2010
INDEPENDENT GRID OPERATORS/PLANNERS SEGMENT		**SUB-SEGMENT**	**DESIGNATION DATE**
Paul Wattles	Supervisor Demand Side Programs, Electric Reliability Council of Texas (ERCOT)		06/15/2007
Bill Blevins	Sr. Market Support Analyst, Electric Reliability Council of Texas (ERCOT)		06/15/2007
Heather Sanders	Renewable Integration Support Manager, California ISO		02/16/2010
Robert Coughlin	Principal Scientist Reliability & Operations Compliance, ISO New England, Inc.		06/15/2007
Eric Winkler	Project Manager – FCM and Tariff Administration, ISO New England, Inc.		06/12/2009
Cheryl Mendrala	Principal Engineer, ISO New England, Inc.		03/31/2008
Marie Knox	Sr. Standards Compliance Analyst, Midwest ISO		08/31/2009
Dean Hartung	Manager Real Time Market Operations, PJM Interconnection, LLC		06/15/2007
Cathy Wesley	Sr. Analyst, PJM Interconnection, LLC		09/05/2008
Carl Monroe	Sr. Vice President Operations & Chief Operating Officer, Southwest Power Pool		06/15/2007
Greg Campoli	Supervisor – Reliability Compliance and Assessment, New York ISO		08/30/2007
Diana Pommen	Director Interjurisdictional Affairs, Alberta Electric System Operator		02/12/2008
Jimmy Womack	Manager-Tariff Administration, Southwest Power Pool		04/03/2008
Terry Bilke	Director Standards Compliance and Strategy, Midwest ISO		03/06/2009
TECHNOLOGY AND SERVICES		**SUB-SEGMENT**	**DESIGNATION DATE**

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NORTH AMERICAN ENERGY STANDARDS BOARD
2011 EXECUTIVE COMMITTEE ALTERNATES – Retail Gas Quadrant

SERVICE PROVIDERS/SUPPLIERS SEGMENT		DESIGNATION DATE
Paul Cherevka	Project Manager Data Warehouse, Dominion Retail	06/28/2005

DISTRIBUTORS SEGMENT		DESIGNATION DATE
Joe Stengel	Manager, Federal Regulatory Affairs, Philadelphia Gas Works (American Public Gas Association (APGA))	01/01/2002

END USERS/PUBLIC AGENCIES SEGMENT	DESIGNATION DATE

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October 12, 2011

TO: NAESB Wholesale Electric, Wholesale Gas and Retail Gas and Electric Quadrant Executive Committee Members, Alternates and Interested Industry Participants

FROM: Rae McQuade, NAESB President

RE: Quadrant Executive Committee Meeting Announcements and Draft Agendas with links to Meeting Materials – Highlighted with Additional Materials

NORTH AMERICAN ENERGY STANDARDS BOARD EXECUTIVE COMMITTEE MEETINGS
Hosted by Dominion at the Dominion Downtown Offices in Richmond, Virginia

First, let me thank Ron Tomlinson, Rachel Hogge and Lou Oberski for the 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 encourage attendance at the NAESB in-person meetings. Below are the meeting arrangements:

Where:	Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA
Contact:	Veronica Thomason, 713-356-0060
When:	Tuesday, October 25 -- 10:00 a.m. to 4:00 p.m. E – Wholesale Electric Quadrant Wednesday, October 26 -- 10:00 a.m. to 4:00 p.m. E – Retail Gas Quadrant and Retail Electric Quadrant Thursday, October 27 -- 9:00 a.m. to 3:00 p.m. E – Wholesale Gas Quadrant

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.

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) so that proper meeting arrangements can be made by NAESB and our host. If you are an EC member and are not attending but have a specific designated alternate that you wish to represent you and vote for you at the Executive Committee meeting, please so notify the office when you RSVP that you are unable to attend.

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/pdf4/ec102511ma.doc. 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 meetings, conference calling and web casting is open to any interested party.

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[1] for WGQ Joint IR/Technical subcommittee meetings. The details are provided in the following table.

Date	Time	Meeting/Location
Monday, October 24	1:00 pm to 1:30 pm E	Retail Glossary Meeting Location: Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA – Riverside Room, 6th floor Conference Call Number: 866-740-1260 Access Code: 7133560 Security Code: 1301 Web Cast: http://www.readytalk.com (please use same codes) NAESB web page: http://www.naesb.org/REQ/req_glossary.asp
Monday, October 24	1:30 pm to 5:00 pm E	Retail BPS Meeting – Day 1 of 2 Location: Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA – Riverside Room, 6th floor Conference Call Number: 866-740-1260 Access Code: 7133560 Security Code: 1301 Web Cast: http://www.readytalk.com (please use same codes) NAESB web page: http://www.naesb.org/retail_bps.asp
Tuesday October 25	10 am to 4 pm E	WEQ EC Meeting Location: Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA – Pumphouse Auditorium Conference Call Number: 866-740-1260 Access Code: 7133562 Security Code: 2843 Web Cast: http://www.readytalk.com (please use same codes) NAESB web page: http://www.naesb.org/weq/weq_ec.asp
Tuesday October 25	9 am to 3 pm E	Retail BPS Meeting – Day 2 of 2 Location: Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA – Riverside Room, 6th floor Conference Call Number: 866-740-1260 Access Code: 7133560 Security Code: 1301 Web Cast: http://www.readytalk.com (please use same codes) NAESB web page: http://www.naesb.org/retail_bps.asp

[1] 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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Date	Time	Meeting/Location
Tuesday October 25	9 am to 4 pm E	WGQ IR/Technical Subcommittees Meeting – Day 1 of 2 Location: Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA – North Dining Room Conference Call Number: 866-740-1260 Access Code: 3560063 Security Code: 8035 Web casting not available unless requested in advance with subcommittee chair approval NAESB web page: http://www.naesb.org/WGQ/ir.asp
Wednesday, October 26	10 am to 4 pm E	Retail EC Meeting by phone/web cast/ for in person attendance, please join NAESB staff Location: Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA – Pumphouse Auditorium Conference Call Number: 866-740-1260 Access Code: 7133562 Security Code: 6862 Web Cast: http://www.readytalk.com (please use same codes) NAESB web page: http://www.naesb.org/REQ/req_ec.asp
Wednesday, October 26	10 am to 5 pm E	WEQ OASIS Subcommittee – Day 1 of 2 Location: Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA – Riverside Room, 6th floor Conference Call Number: 866-740-1260 Access Code: 7133560 Security Code: 2695 Web Cast: http://www.readytalk.com (please use same codes) NAESB web page: http://www.naesb.org/WEQ/weq_oasis.asp
Wednesday, October 26	9 am to 4 pm E	WGQ IR/Technical Subcommittees Meeting – Day 2 of 2 Location: Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA – North Dining Room Conference Call Number: 866-740-1260 Access Code: 3560063 Security Code: 8035 Web casting not available unless requested in advance with subcommittee chair approval NAESB web page: http://www.naesb.org/WGQ/ir.asp

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Date	Time	Meeting/Location
Thursday, October 27	9 am to 3 pm E	WGQ EC Meeting Location: Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA – Pumphouse Auditorium Conference Call Number: 866-740-1260 Access Code: 7133562 Security Code: 8724 Web Cast: http://www.readytalk.com (please use same codes) NAESB web page: http://www.naesb.org/WGQ/ec.asp
Thursday, October 27	10 am to 4 pm E	WEQ OASIS Subcommittee – Day 2 of 2 Location: Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA – Riverside Room, 6th floor Conference Call Number: 866-740-1260 Access Code: 7133560 Security Code: 2695 Web Cast: http://www.readytalk.com (please use same codes) NAESB web page: http://www.naesb.org/WEQ/weq_oasis.asp

Please feel free to call the NAESB office should you have any questions or comments. Instructions for dialing in or participating on the web casts follow.

Best Regards, *Rae*

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CONFERENCE CALLING AND WEB CONFERENCING INSTRUCTIONS

FOR THE EXECUTIVE COMMITTEE AND RELATED SUBCOMMITTEE MEETINGS

OCTOBER 25-27, 2011

This conference call, as all NAESB meetings and conference calls, is open to any interested party.

To join the conference call:

- Dial the 11-digit toll free phone number (provided in the preceding chart – specific to the meeting and date)
- An automated attendant will ask you to enter a seven-digit access code (provided in the preceding chart – specific to the meeting and date)
- The automated attendant will ask you to record your name.
- Please note, if the conference leader has not yet initiated the conference call, you will be placed on hold until the conference leader starts the conference.
- The automated attendant will then ask you for a four-digit security code (provided in the preceding chart – specific to the meeting and date)

Please place your phone on mute unless you are speaking. For those participants that do not have a mute feature on your phone, please press (*6) to mute your phone and (*7) to un-mute your phone. Putting the conference call on hold may cause music to be played over the discussion and if so, the NAESB office will contact the conference call administrator to have the line disconnected.

To join the web conference, go to www.readytalk.com and enter the same access code and security code. Please note that if the conference leader has not yet initiated the web conference, you will view a screen that states, "The Chairperson has not yet arrived. Please standby for your web conference to begin."

ReadyTalk recommends that you test your browser and network connections for compatibility prior to participating in a web conference. To do so, go to http://test.callinfo.com. If you have problems joining a conference call or need technical assistance, please contact ReadyTalk Customer Care, 1-800-843-9166. Please contact the NAESB Office (713-356-0060 or naesb@naesb.org) should you need any additional information or have questions or comments.

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

Tuesday, October 25, 2011 – 10:00 am to 4:00 pm E
Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA – Pumphouse Auditorium

#	Agenda Item

1. Welcome
   - Antitrust Guidelines 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 (EC) and http://www.naesb.org/pdf4/alt_ec_members.pdf (EC Alt)
2. Consent Agenda (simple majority to approve)
   - Adoption of Agenda: http://www.naesb.org/pdf4/ec102511a.doc
   - Adoption of the EC Meeting Minutes: August 16, 2011: http://www.naesb.org/pdf4/weq_ec081611dm.doc; proposed redlines submitted by E. Skiba, Midwest ISO: http://www.naesb.org/pdf4/weq_ec102511w1.doc
   - Adoption of changes to the 2011 WEQ Annual Plan to be proposed to the Board of Directors: http://www.naesb.org/misc/2011_weq_ap_redline_101811.docx
3. Review and Consider for Vote the recommendation for 2011 WEQ Annual Plan Item 2.a.iv.1 - Paragraph 1390 of Order 890 - Terminations related to: deficient requests, customer failure to pay required annual reservation fee, and customer modifications to applications which are meaningfully different. – simple majority vote
   - Recommendation: http://www.naesb.org/pdf4/weq_2011_api_2_a_iv_1_rec.doc
   - Request for Comments due September 8: http://www.naesb.org/pdf4/weq_080911_reqcom.doc
   - Comments:
     - WEQ SRS: http://www.naesb.org/pdf4/weq_080911_2aiv1_weq_srs.doc
     - WEQ OASIS (Late Comments): http://www.naesb.org/pdf4/weq_080911_2aiv1_weq_oasis_late.doc
4. Review and Consider for Vote the recommendation 2011 WEQ Annual Plan Item 7.a - Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E.. – super majority vote
   - Recommendation: http://www.naesb.org/pdf4/weq_2011_api_7a_rec.doc
   - Request for Comments due September 8: http://www.naesb.org/pdf4/weq_080911_reqcom.doc *(see item 3 in assembled materials)*
   - Comments:
     - WEQ SRS: http://www.naesb.org/pdf4/weq_080911_7a_weq_srs.doc
     - IESO, New England ISO, Midwest ISO, PJM and SPP: http://www.naesb.org/pdf4/weq_080911_7a_ieso_isone_miso_pjm_spp.docx

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

Tuesday, October 25, 2011 – 10:00 am to 4:00 pm E
Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA – Pumphouse Auditorium

#	Agenda Item

- WEQ OASIS (Late Comments): http://www.naesb.org/pdf4/weq_080911_7a_weq_oasis_late.doc

5. Review and Consider for Vote the recommendation 2011 WEQ Annual Plan Item 5.a / R08001 / R08002 / R08003 / R08005 - Make consistency changes to Version 2.2.– super majority vote

   - Recommendation: http://www.naesb.org/pdf4/weq_2011_api_5a_r08001_r08002_r08003_r08005_rec.doc
   - Request for Comments due September 8: http://www.naesb.org/pdf4/weq_080911_reqcom.doc *(see item 3 in assembled materials)*
   - Comments:
     - WEQ SRS: http://www.naesb.org/pdf4/weq_080911_weq_srs.doc
     - E. Davis, Entergy: http://www.naesb.org/pdf4/weq_080911_entergy.docx
     - IESO, New England ISO, Midwest ISO, PJM and SPP: http://www.naesb.org/pdf4/weq_080911_ieso_isone_miso_pjm_spp.docx
     - WEQ OASIS (Late Comments): http://www.naesb.org/pdf4/weq_080911_weq_oasis_late.doc

6. Review and Consider for Vote the minor correction MC11029 - correct inadvertent typographical errors found during the application of Final Action 2011 WEQ Annual Plan Items 2.a.iii.1 through 2.a.iii.3 – Service Across Multiple Transmission Systems (SAMTS), ratified August 11, 2011 by the NAESB Office for publication in Version 003 of the NAESB WEQ Business Practice Standards - simple majority to approve

   - Recommendation: http://www.naesb.org/pdf4/weq_mc11029.doc

7. Dodd-Frank Act Discussion

8. Subcommittee Updates:

   - Triage Subcommittee: http://www.naesb.org/pdf4/tr101811agenda.docx
   - Business Practices Subcommittee (BPS): http://www.naesb.org/pdf4/weq_ec102511w2.ppt
   - DSM-EE Subcommittee
   - OASIS Subcommittee
   - Joint Electric Scheduling Subcommittee (JESS)
   - Standards Review Subcommittee: http://www.naesb.org/pdf4/weq_ec102511w3.ppt
   - Glossary Efforts
   - PKI Subcommittee

9. Publication Schedule Review:

   - Publications: WGQ Publication Schedule (Version 2.1): http://www.naesb.org/misc/wgq_publication_schedule_ver2_1.doc, scheduled for July 2012

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

Tuesday, October 25, 2011 – 10:00 am to 4:00 pm E
Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA – Pumphouse Auditorium

#	Agenda Item

- WEQ Publication Schedule (Version 3.0): http://www.naesb.org/misc/weq_publication_schedule_ver2_2.doc, scheduled for first/second quarter 2012
- Retail Publication Schedule (Version 2.0): http://www.naesb.org/misc/retail_publication_schedule_ver1_4.doc, scheduled for April 2012
- Individual Books Availability in New Publications - http://www.naesb.org/pdf/ordrform.pdf (Order Form)

10. FERC Order 1000 Review Update: http://www.naesb.org/pdf4/ferc_order1000_100311mn.doc (notes)

11. 2012 Annual Plan Review and Vote to Approve (simple majority): http://www.naesb.org/pdf4/2012aplan_101411_101711.doc (Meeting notice and work papers for 10-14-11); http://www.naesb.org/pdf4/weq_aplan101411a1.docx (2012 WEQ Annual Plan – Redline); http://www.naesb.org/pdf4/weq_aplan101411a2.docx (2012 WEQ Annual Plan – Clean)

12. Board of Directors, Board Committee and Regulatory Updates:

- Board Updates – Board Meeting September 22, 2011: http://www.naesb.org/pdf4/bd092211dm.docx, http://www.naesb.org/pdf4/managing081911a1.doc (Communication to the WEQ EC)
- Board Critical Infrastructure Efforts - http://www.naesb.org/pdf4/bd_cic_090811notes.doc
- Board Certification Efforts – http://www.naesb.org/pdf4/cpc082911mn.doc (Notes) and simple majority board vote on ACA process/requirements: http://www.naesb.org/pdf4/cpc082911a1.docx
- Electric Industry Registry - http://www.naesb.org/misc/EIR_FAQs_101911.docx (FAQs)
- Regulatory and Related Efforts:
  - August 15, 2011 – Comments on the ZigBee Alliance Efforts: http://www.naesb.org/pdf4/naesb_comments_zigbee_alliance_smartenergy2.0_081511.pdf
  - October 7, 2011 - Submittal for NAESB Standards Development to Support Coordination of Requests for Transmission Service Across Multiple Transmission Systems (Docket No. RM05-5-013, Order No. 676-E): http://www.naesb.org/pdf4/ferc_100711_samts.pdf
  - July 7, 2011 – Smart Grid Filing: http://www.naesb.org/pdf4/ferc_070711_smartgrid_standards.pdf

13. Other Business

- Meeting Schedules for 2011 and 2012: http://www.naesb.org/misc/2011_schedule.doc, http://www.naesb.org/misc/2012_schedule.doc

14. Adjourn

Attire – Business Casual

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NORTH AMERICAN ENERGY STANDARDS BOARD EXECUTIVE COMMITTEE MEETING
RETAIL QUADRANTS DRAFT AGENDA
Wednesday, October 26, 2011 – 10:00 am to 4:00 pm E
Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA - Pumphouse Auditorium

#	Agenda Item

1. Welcome
   - Antitrust Guidelines http://www.naesb.org/misc/antitrust_guidance.doc (Guidance)
   - Welcome to members and attendees
   - Quorum Establishment: Roll Call of Retail EC Members and Alternates: http://www.naesb.org/pdf4/ec_terms.pdf (EC) and http://www.naesb.org/pdf4/alt_ec_members.pdf (EC Alt)
2. Consent Agenda (simple majority to approve)
   - Adoption of Agenda: http://www.naesb.org/pdf4/ec102511a.doc
   - Adoption of the Meeting Minutes: August 17, 2011: http://www.naesb.org/pdf4/retail_ec081711dm.doc; proposed redlines submitted by P. Precht, Baltimore Gas and Electric: http://www.naesb.org/pdf4/retail_ec102611w1.doc
   - Adoption of changes to the 2011 Retail Annual Plan to be proposed to the Board of Directors: http://www.naesb.org/misc/2011_retail_ap_redline_101811.docx
3. Review and Consider for Vote Recommendation for "Update Existing Model Business Practices- Book 7 – Trading Partner Agreement (Annual Plan Item No. 10) – super majority vote
   - Recommendation: http://www.naesb.org/pdf4/retail_2011_ap_10_rec.doc
   - Request for Comments due October 20: http://www.naesb.org/pdf4/retail_092011_reqcom.doc
   - Comments: No comments received as of October 18, 2011
4. Review and Consider for Vote Recommendation for "Additional Registration Agent Processes" (Annual Plan Item No. 5 (a) and (b)) – super majority vote
   - Recommendation: http://www.naesb.org/pdf4/retail_2011_ap_5_a-b_rec.doc
   - Request for Comments due October 14: http://www.naesb.org/pdf4/retail_091411_reqcom.doc
   - Comments: No comments received
5. Review and Consider for Vote Recommendation for "Supplier Marketing Practices Disclosure Statement Contents – Phase 2" (Annual Plan Item No. 7) – super majority vote
   - Recommendation: http://www.naesb.org/pdf4/retail_2011_ap_7_phase2_rec.doc
   - Request for Comments due October 14: http://www.naesb.org/pdf4/retail_091411_reqcom.doc *(see item 4 in assembled materials)*
   - Comments: No comments received
6. Progress Report on Demand Side Management/Energy Efficiency
   - FERC Activities and DR Implementation Plan
   - SEE Action
   - Retail EE Efforts and retail DR Phase 2 efforts

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RETAIL QUADRANTS DRAFT AGENDA
Wednesday, October 26, 2011 – 10:00 am to 4:00 pm E
Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA - Pumphouse Auditorium

#	Agenda Item

7. Retail Quadrants Membership and Status of Retail Restructuring:
   - Membership Report: http://www.naesb.org/misc/board_membership_slide_090111.ppt (Profile), http://www.naesb.org/misc/board_membership_report_083111.doc (Report)
8. Subcommittee Updates (meeting materials for updates will be provided by leadership as they are available):
   - Triage Subcommittee: http://www.naesb.org/pdf4/tr101811agenda.docx
   - Business Practices Subcommittee (BPS) and Texas Task Force
   - Technical Electronic Implementation Subcommittee (TEIS)
   - Glossary Efforts
   - Demand Side Management/Energy Efficiency (covered in agenda item 6)
   - Smart Grid
9. Publication Schedule Review:
   - Publications: WGQ Publication Schedule (Version 2.1): http://www.naesb.org/misc/wgq_publication_schedule_ver2_1.doc, scheduled for July 2012
   - WEQ Publication Schedule (Version 3.0): http://www.naesb.org/misc/weq_publication_schedule_ver2_2.doc, scheduled for first/second quarter 2012
   - Retail Publication Schedule (Version 2.0): http://www.naesb.org/misc/retail_publication_schedule_ver1_4.doc, scheduled for April 2012
   - Individual Books Availability in New Publications - http://www.naesb.org/pdf/ordrform.pdf (Order Form)
10. 2012 Annual Plan Review and Vote to Approve (simple majority): http://www.naesb.org/pdf4/2012aplan_101411_101711.doc (Meeting notice and work papers for 10-17-11); http://www.naesb.org/pdf4/retail_aplan101711a1.docx (2012 Retail Annual Plan – Redline); http://www.naesb.org/pdf4/retail_aplan101711a2.docx (2012 Retail Annual Plan – Clean)
11. Board of Directors, Board Committee and Regulatory Updates:
   - Board Updates – Board Meeting September 22, 2011: http://www.naesb.org/pdf4/bd092211dm.docx, http://www.naesb.org/pdf4/managing081911a1.doc (Communication to the WEQ EC)
   - Board Critical Infrastructure Efforts - http://www.naesb.org/pdf4/bd_cic_090811notes.doc
   - Board Certification Efforts – http://www.naesb.org/pdf4/cpc082911mn.doc (Notes) and simple majority board vote on ACA process/requirements: http://www.naesb.org/pdf4/cpc082911a1.docx
   - Regulatory and Related Efforts:
     - August 15, 2011 – Comments on the ZigBee Alliance Efforts: http://www.naesb.org/pdf4/naesb_comments_zigbee_alliance_smartenergy2.0_081511.pdf
12. Other Business
   - Meeting Schedules for 2011 and 2012: http://www.naesb.org/misc/2011_schedule.doc, http://www.naesb.org/misc/2012_schedule.doc

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NORTH AMERICAN ENERGY STANDARDS BOARD EXECUTIVE COMMITTEE MEETING
RETAIL QUADRANTS DRAFT AGENDA
Wednesday, October 26, 2011 – 10:00 am to 4:00 pm E
Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA - Pumphouse Auditorium

#	Agenda Item
	Adjourn

Attire – Business Casual

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NORTH AMERICAN ENERGY STANDARDS BOARD EXECUTIVE COMMITTEE MEETING
WHOLESALE GAS QUADRANT DRAFT AGENDA
Thursday, October 27, 2011 – 9:00 am to 3:00 pm E
Dominion Downtown Offices, 120 Tredegar Street, Richmond, VA - Pumphouse Auditorium

#	Agenda Item

1. Welcome
   - Antitrust Guidelines 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 (EC) and http://www.naesb.org/pdf4/alt_ec_members.pdf (EC Alt)
2. Consent Agenda (simple majority to approve)
   - Adoption of Agenda: http://www.naesb.org/pdf4/ec102511a.doc
   - Adoption of the Meeting Minutes:
     - August 18, 2011: http://www.naesb.org/pdf4/wgq_ec081811dm.doc ; proposed redlines submitted by D. Davis, Williams Gas Pipeline:http://www.naesb.org/pdf4/wgq_ec102711w1.doc
   - Adoption of changes to the 2011 WGQ Annual Plan to be proposed to the Board of Directors: http://www.naesb.org/misc/2011_wgq_ap_redline_101811.docx
3. Consideration and Possible Vote on Minor Corrections (simple majority to approve) – please note that if the linked document is a request, it is under consideration by the Information Requirements/Technical Subcommittees and is not yet prepared for an EC vote, but it may be presented for vote should the IR/Tech Subcommittees prepare the recommendations prior to October 27.

   The minor corrections available for vote now are indicated by an asterisk (*), and the minor corrections are denoted for application to Version 2.0 (which requires a FERC filing) and those to be applied to the final actions that will compose Version 2.1.

   - MC11019 – For WGQ Version 2.1, Add the code values 'Swing Service Overtake' and 'Unauthorized Take' for the data element "Transaction Type" in the following data sets: NAESB WGQ Standard No. 2.4.3 – Allocation, NAESB WGQ Standard No. 2.4.4 – Shipper Imbalance and NAESB WGQ Standard No. 3.4.1 – Transportation/Sales Invoice.
     *Recommendation: http://www.naesb.org/pdf4/wgq_mc11019_rec_092611.doc
   - MC11021 – For NAESB WGQ Version 2.1, add the code value 'Reservation/Enhanced Nomination Service' for data element 'Transaction Type" in data set, Transportation/Sales Invoice (NAESB WGQ Standard No. 3.4.1).
     *Recommendation: http://www.naesb.org/pdf4/wgq_mc11021_rec_092611.doc
   - MC11026 – For NAESB Version 2.1, minor correction to NAESB WGQ Standard Nos. 1.4.5 (Scheduled Quantity) and 1.4.6 Scheduled Quantity for Operator - request is for new Scheduled Quantity and Scheduled Quantity for Operator Reduction Reason codes.
     *Recommendation: http://www.naesb.org/pdf4/wgq_mc11026_rec_092611.doc

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- MC11027 – For NAESB Version 2.0, errata to NAESB WGQ Standard No. 4.3.29 - Notice Type is spelled "Operational flow order" as is the Code Value Description in Standard 5.4.16. Both the "f" and the "o" should be capitalized. The changes also need to be made in the QEDM manual, Booklet 1 of 1.
  *Recommendation: http://www.naesb.org/pdf4/wgq_mc11027_rec_092611.doc
- MC11006 – For NAESB WGQ Version 2.1, add a new Nomination Quick Response Validation Codes - To the Nomination Quick Response document (1.4.2), add new Nominations Quick Response Validation Codes (Sub-detail).
  Minor Correction Request: http://www.naesb.org/pdf4/wgq_mc11006.doc
- MC11007 – For NAESB WGQ Version 2.1, NAESB WGQ Standard No. 5.4.21: Transactional Reporting - Firm, add a code value to the Sender's Option data element "Capacity Type Indicator" for capacity that is "Primary thru Storage."
  Minor Correction Request: http://www.naesb.org/pdf4/wgq_mc11007.doc
- MC11028 – For NAESB Version 2.1, addition of 1 code value for the data element "Rate Charged Reference" in the following datasets for the NAESB WGQ Standard 5.4.21 - Transactional Reporting – Firm Transportation.
  Minor Correction Request: http://www.naesb.org/pdf4/wgq_mc11028.docx

4. Update on C11002, "Clarification of the effects of Bidder Lesser Quantity Indicator on the disclosure of minimum condition elements for EBB / EDI Download portion of NAESB Standard Number 5.4.25," and C11003, "Clarification on the effects of Disclosure Indicator, Minimum Rate Disclosure Indicator, Releasing Shipper Lesser Quantity Indicator, and Shorter Term Indicator on the disclosure of minimum condition elements for EBB / EDI Download portion of NAESB Standard Number 5.4.24."
   - WGQ EC Notational Ballot: http://www.naesb.org/pdf4/wgq_ec100511ballot.doc due 10-19-11
   - C11002 Interpretation: http://www.naesb.org/pdf4/c11002_rec.docx
   - C11003 Interpretation: http://www.naesb.org/pdf4/c11003_rec.docx
5. Review and consider for vote R97064-H - Correct the NAESB implementation guides to use approved ASC X12 code values through requests to X12 to adopt the NAESB codes, or through changes to the code values to use the X12 specified codes. (super majority vote)
   - Recommendation: http://www.naesb.org/pdf4/wgq_r97064-H_rec.doc,
     Attachment 1: http://www.naesb.org/pdf4/wgq_r97064-H_rec_att1.doc,
     Attachment 2: http://www.naesb.org/pdf4/wgq_r97064-H_rec_att2.doc,
     Attachment 3: http://www.naesb.org/pdf4/wgq_r97064-H_rec_att3.doc
     Attachment 4: http://www.naesb.org/pdf4/wgq_r97064-H_rec_att4.doc
     Attachment 5: http://www.naesb.org/pdf4/wgq_r97064-H_rec_att5.doc
   - Request for Comments: http://www.naesb.org/pdf4/wgq_092711reqcom.doc
   - Comments:
     - WGQ IR/Technical Chairs: http://www.naesb.org/pdf4/wgq_092711_ir_tech_chairs.doc

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6. Update on 2011 WGQ Annual Plan Item 7 - Determine if location common codes as formulated are needed. If location common codes are needed, then determine if existing specifications are sufficient, or conversely, if not needed, develop plan for modifications to support removal of location common code from NAESB WGQ standards (Should the WGQ EC carry the recommendation from its meeting on October 19 to this meeting, this agenda item may not only be a review of the actions taken on October 19)
   - Recommendation: http://www.naesb.org/pdf4/wgq_2011_api_7_rec.doc
   - Request for Comments: http://www.naesb.org/pdf4/wgq_091411reqcom.doc
   - Comments due October 14, 2011 – none received
7. Discussion on NAESB WGQ Standard No. 5.3.2 and possible need for a minor correction or request for modification
8. Subcommittee Updates (meeting materials for updates will be provided by leadership as they are available):
   - Triage Subcommittee: http://www.naesb.org/pdf4/tr101811agenda.docx
   - Business Practices Subcommittee (BPS)
   - Electronic Delivery Mechanisms Subcommittee (EDM)
   - Information Requirements Subcommittee (IR)/Technical Subcommittee
   - Interpretations Subcommittee
   - Contracts Subcommittee
9. Publication Schedule Review
   - Publications: WGQ Publication Schedule (Version 2.1): http://www.naesb.org/misc/wgq_publication_schedule_ver2_1.doc, scheduled for July 2012
   - WEQ Publication Schedule (Version 3.0): http://www.naesb.org/misc/weq_publication_schedule_ver2_2.doc, scheduled for first/second quarter 2012
   - Retail Publication Schedule (Version 2.0): http://www.naesb.org/misc/retail_publication_schedule_ver1_4.doc, scheduled for April 2012
   - Individual Books Availability in New Publications - http://www.naesb.org/pdf/ordrform.pdf (Order Form)
10. 2012 Annual Plan Review and Vote to Approve (simple majority): http://www.naesb.org/pdf4/2012aplan_101411_101711.doc (Meeting notice and work papers for 10-14-11); http://www.naesb.org/pdf4/wgq_aplan101411a1.docx (2012 WGQ Annual Plan – Redline); http://www.naesb.org/pdf4/wgq_aplan101411a2.docx (2012 WGQ Annual Plan – Clean)
11. Board of Directors, Board Committee and Regulatory Updates:
    - Board Updates – Board Meeting September 22, 2011: http://www.naesb.org/pdf4/bd092211dm.docx, http://www.naesb.org/pdf4/managing081911a1.doc (Communication to the WEQ EC)
    - Board Critical Infrastructure Efforts - http://www.naesb.org/pdf4/bd_cic_090811notes.doc

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#	Agenda Item

- Board Certification Efforts – http://www.naesb.org/pdf4/cpc082911mn.doc (Notes) and simple majority board vote on ACA process/requirements: http://www.naesb.org/pdf4/cpc082911a1.docx
- Regulatory and Related Efforts:
- October 11, 2011 – Standards for Business Practices of Interstate Natural Gas Pipelines (Docket Nos. RM96-1 et al) Minor Corrections: http://www.naesb.org/pdf4/ferc_101111_wgq_minor_corrections_v2.0.pdf

12. Other Business

- Meeting Schedules for 2011 and 2012: http://www.naesb.org/misc/2011_schedule.doc, http://www.naesb.org/misc/2012_schedule.doc

Adjourn

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September 12, 2011

TO: NAESB Wholesale Electric Quadrant Executive Committee and Interested Industry Participants

FROM: Cory Galik Cummings, NAESB Staff Attorney

RE: Wholesale Electric Quadrant Executive Committee Meeting Draft Minutes

NORTH AMERICAN ENERGY STANDARDS BOARD
WHOLESALE ELECTRIC QUADRANT
EXECUTIVE COMMITTEE MEETING
Tuesday, August 16, 2011 – 10:00 am to 4:00 pm Mountain
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.

2. Consent Agenda

Ms. Crockett moved, seconded by Mr. Ciza, to accept the consent agenda. The consent agenda included the agenda, the February 1, 2011 draft minutes, the March 21, 2011 draft minutes, the proposed redlined changes submitted by Mr. Skiba for the June 30, 2011 draft minutes and the changes to the 2011 Annual Plan to be proposed to the Board of Directors. The motion passed unanimously.

3. Overview of Standards Development – Parallel Flow Visualization

Mr. Skiba provided an overview of the parallel flow visualization development efforts. The WEQ business practice subcommittee reached an impasse on one issue and sought guidance from the EC. The subcommittee has worked on two-tier curtailment as a requirement within the parallel flow visualization permanent solution and is unable to determine whether it is a policy issue that should be determined by the Board or Managing Committee and FERC. He reviewed the cover letter, two-tier firm curtailment overview document and procedural history. He presented this issue to the WEQ EC because it is up to this body to determine whether to forward the issue to the Managing Committee. The two position papers, policy concern and no policy concern, were also reviewed.

The EC discussed the proper avenue in order to answer the question. Ms. McQuade stated that the Managing Committee, as the representative of the Board between Board meetings, should address all issues of scope. Mr. Hossain moved to ask the Managing Committee if the decision by the business practice subcommittee to include two-tier firm curtailment is within the scope of NAESB. Mr. Pritchard seconded the motion. Ms. McQuade noted that it is implied by the EC in asking the Managing Committee this question, that EC members share the concern that there may be a scope question. If the Managing Committee determines it is out of scope, work would stop until the issue is discussed with FERC. Ms. Monteith noted that Mr. Hossain's motion should come after a vote by the EC to determine whether the issue is within scope. Mr. Buccigross stated that the EC could not determine scope issues, that is the purview of the Board of Directors and the Managing Committee as Ms. McQuade had noted earlier. Mr. Gallagher suggested the motion be reworded to state, motion to ask the Managing Committee whether two-tier firm curtailment is within the scope of NAESB. Mr. Hossain and Mr. Pritchard agreed with the new motion.

The motion passed a simple majority vote with 15 in favor and 12 opposed.

Mr. Pritchard stated that the EC had the authority to provide guidance to the subcommittee and based on the information provided, there were a number of reasons for not moving forward with two-tier curtailment. He moved that the EC direct the business practice subcommittee not to incorporate two-tier firm curtailment into the parallel flow visualization work. Mr. Davis seconded the motion. Mr. Skiba stated that he had concerns with the motion.

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The subcommittee made a decision to include a particular feature and function into a recommendation and now, through the motion presented by Mr. Pritchard, the EC would be asked to tell the subcommittee to stop that work prior to the EC's vote on the recommendation. Should EC members have concerns with the direction of the BPS, he urged EC members to participate. The EC will have the decision in front of them once the BPS has concluded its work and completed the recommendation. The EC discussed the consequences of this motion and Mr. Pritchard withdrew the motion.

4. Overview of Standards Development – OASIS Network Integration Transmission Services

Mr. Wood presented the review of the OASIS NITS work with a power point presentation. The OASIS subcommittee is in the process of developing its recommendation and requested informal comments from the industry on the draft version of the new standards. Those comments were due July 29, 2011 and the subcommittee reviewed the comments received during the August 2-4 meeting. He reviewed the recommendation, which has five sections:

- Proposed revisions to the OASIS acronym and glossary (WEQ000;
- Proposed revisions to the OASIS (WEQ001);
- Proposed revisions to the OASIS S&CPs (WEQ002);
- Proposed revisions to the WEQ OASIS Data Dictionary (WEQ003); and
- Proposed revisions to the WEQ Implementation Guide (WEQ013).

Mr. Wood anticipated that the recommendation would be voted out of the subcommittee at the end of the third quarter. Mr. Skiba noted that the changes made to the WEQ standards were huge and recommended a longer formal comment period to allow industry participants time to prepare comments. Ms. McQuade noted that the 30-day requirement for formal comments was the minimum and can be extended. To do so, a simple majority vote is required. Mr. Skiba moved to extend the formal comment period for the NITS on OASIS work to 60 days. Mr. Pera seconded the motion. The motion passed unanimously.

Mr. Wood noted that the subcommittee would host another technical conference, similar to the one held prior to the informal comment period. This meeting would be noticed well in advance, to provide ample opportunity for interested parties to attend.

5. Progress Report on Demand Side Management/Energy Efficiency

Ms. Cummings provided the update.

FERC Activities and DR Implementation Plan: The WEQ Energy Efficiency recommendation was approved via notational ballot on April 18, 2011 and ratified by membership on May 13, 2011. The Wholesale Electric Energy Efficiency Standards were filed jointly with the Wholesale Electric Demand Response Standards on April 30, 2011. In that filing, NAESB informed the Commission that the Demand Response standards went as far as possible without affecting the ISO/RTO stakeholder process. Any further detail will require a directive from the FERC to do so.

In early July, the staff of FERC and the Department of Energy (DOE) sent to Congress an *Implementation Proposal for The National Action Plan on Demand Response*. The objective of the proposal, which builds on the June 2010 *National Action Plan*, is to achieve the nation's demand response potential. Both documents were required by section 529 of the Energy Independence and Security Act of 2007 (EISA). The implementation proposal identifies a number of activities to be undertaken by various combinations of FERC staff, DOE, and private or non-federal government organizations and coalitions to implement the *National Action Plan*. The implementation proposal relies as much as possible on existing public programs while encouraging new private involvement to implement the identified activities. Activities are grouped in the same three major categories as in the action plan: technical assistance to the states, national communications program, and tools and materials. Under the tools and materials category, the implementation proposal calls for developing certain tools and material for use by customers, states and DR providers. The tools to be developed fall into two categories: a web-based clearinghouse of DR material and

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enhanced DR analytical tools and methods. NAESB is mentioned twice, under both the web-based clearinghouse, which references NAESB's DR standards and the enhanced DR analytical tools and methods, which references our standards on energy price information.

Retail EE Efforts and Retail DR Phase 2 Efforts: The Retail Energy Efficiency work group continues to work on its recommendation. During the May Retail EC meeting, the co-chairs of the work group expressed concern regarding the scope of the recommendation. As the work group was drafting the recommendation there was concern voiced that the scope was too broad, while others thought the scope was not broad enough. There was also concern raised that NAESB's efforts were overlapping the SEE Action effort led by the Department of Energy. A conference call was held between the DOE, NARUC and NAESB to address this concern. During that meeting, it became apparent that there was not redundancy in the two efforts. As a result, several participants volunteered to take the recommendation in its current form and complete a full set of model business practices. The model business practices were completed in mid-July and a Retail Energy Efficiency work group meeting was held on July 18 to review the work product at the work group level. After that meeting, the work product was sent out for an informal comment period. Three sets of comments were received and reviewed on August 8, 2011. The review was not complete and another meeting was scheduled for August 22, 2011. A few more comments are expected for that meeting.

With the completion of the Phase 2 Demand Response Model Business Practices, the Retail DR work group has focused its efforts on R10002, which is a request to develop Model Business Practices for Enrollment in Demand Response programs.

SEE Action: The State and Local Energy Efficiency Action Network (SEE Action) is a state and local effort facilitated by the federal government that helps states, utilities, and other local stakeholders take energy efficiency to scale and achieve all cost-effective energy efficiency by 2020. SEE Action, a partnership between the U.S. Department of Energy and the Environmental Protection Agency looks for opportunities to catalyze and transform the market and foster the emergence of a sustainable energy efficiency industry by providing technical assistance. SEE Action consists of eight issue-oriented working groups. Each of the working groups is developing a blueprint (or roadmap) for achieving near- and long-term aggressive goals critical to capturing all cost-effective energy efficiency within the respective sectors:

- Building Energy Codes
- Customer Information and Behavior
- Evaluation, Measurement and Verification (EM&V)
- Existing Commercial Buildings
- Financing Solutions
- Industrial Energy Efficiency and Combined Heat and Power
- Residential Building Retrofits
- Utility Motivation and Energy Efficiency

The goal of the EM&V working group is to transform EM&V to yield more accurate, credible, and timely results that accelerate deployment and improve management of energy efficiency.

6. e-Tag and Dodd-Frank Act Discussion

Mr. Booe provided the update. In May, NAESB was contacted by the Open Financial Data Group, which is an affiliation of researchers from the US Treasury Office, the Enterprise Data Management Council, various university staff and others from the industry, to discuss the background of the e-Tag system. They were interested in e-Tag as a model for the meta data infrastructure required by Dodd-Frank regulations. On June 20, NAESB held a conference call to discuss e-Tag. During the meeting, Bob Harshbarger of Puget Sound gave a presentation on the development and functionality of the e-Tag system and Wayne Moore of Southern company provided some insight on how the system could be leveraged to meet the reporting requirements from Dodd-Frank. Since that meeting, NAESB has not heard back from the group but Mr. Booe let them know that NAESB would be happy to support their efforts in any way they deem necessary.

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In response to the new mandates required by Dodd-Frank, the Commodity Futures Trading Commission (CFTC) has developed a new Data Standardization Subcommittee under the CFTC's Technology Advisory Committee (TAC) to serve as a public/private partnership and provide industry guidance for the creation or adoption of standards in the area (standards describing, communicating and storing data concerning complex financial products). The new subcommittee is comprised of 22 private industry data management experts, as well as representatives from the FERC Office of Energy Market Oversight, SEC and the Treasury. The subcommittee held its kickoff meeting at the CFTC on August 5, 2011; during the meeting, the subcommittee members introduced themselves and were divided into four working groups to address separate issues identified by CFTC staff. The four issue areas are:

- The standardization of product and entity identification,
- The standardization of machine-readable legal documents for derivatives contracts
- The standardization of semantic representations of financial instruments, and
- The standardization of data storage and retrieval systems.

The purpose of the working groups is to advise the subcommittee on the necessity of regulatory action or oversight in the areas and to provide updates of standardization efforts already underway within the industry. Mr. Booe attended the work group meeting dedicated to the standardization of product and entity identification and during that meeting, the group discussed two standards efforts underway and nearly complete by ISO (International Standards Organization) and International Swaps and Derivatives Association (ISDA) to address these requirements. The group will meet every Wednesday to develop a report to recommend the two standards. The next subcommittee meetings are scheduled for September 30 and November 4, 2011.

7. Procedures Review – Roles and Responsibilities

Ms. McQuade reiterated some of the discussion held during the BPS review. The Executive Committee works on the standards and the Board handles the process of the organization, governance, strategic direction as well as external liaisons. The subcommittees are created by and serve the Executive Committee. Those subcommittees have the responsibility to accomplish the work assigned to them in the Annual Plan and through requests – all of which are directed toward standards development.

8. **Subcommittee Updates**

Triage Subcommittee: Ms. McQuade provided the review of triaged items. She noted that R11014 and R11015 were both assigned to the WEQ and a new PKI subcommittee was created to address both of them. The first PKI subcommittee meeting was scheduled for Thursday, September 22, 2011, following the NAESB Board of Directors meeting.

Business Practice Subcommittee: Mr. Saini provided the update and reviewed his power point presentation. He noted that the majority of the BPS work had been addressed in agenda item 3. He also noted that the joint NERC Balancing Authority Controls Standards Drafting Team (BACSDT) and NAESB Time and Inadvertent Management Task Force (TIMTF) have not met pending NERC standards development activity, but NERC is preparing to start a field trial for the elimination of Manual Time Error Correction. In March, NAESB WEQ leadership discussed the best way to coordinate with NERC because NAESB has approved standards to support the NERC field trial. In April, the WEQ EC approved a minor correction to the Manual Time Error Correction (WEQ-006) to suspend the NAESB standards WEQ-006-1 through WEQ-006-12. Ms. York noted that there has been a delay on the NERC field test while they worked to determine the best approach for this work.

DSM-EE Subcommittee: This work was reviewed under agenda item 5.

OASIS Subcommittee: Mr. Wood provided the update and reviewed the OASIS Progress Report. He briefly reviewed the Network Integrated Transmission System (NITS) work that was addressed in agenda item 4. He noted that the recommendation on Systems Across Multiple Transmission Systems (SAMTS) was approved by the EC and ratified with membership. The SAMTS standards will be filed with the FERC shortly.

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Joint Electric Scheduling Subcommittee (JESS): Mr. Harshbarger provided the update. The subcommittee developed some minor corrections from the e-Tag specifications. There has been no further work for JESS to address since the last EC meeting, as the NERC INT re-write has been suspended.

Standards Review Subcommittee (SRS): Mr. Saini provided the update and presented a power point presentation. The SRS's work has included glossary coordination with the retail glossary subcommittee and a cross quadrant review of clarifications and interpretations to determine if they may affect the WEQ.

10. Publication Schedule

Ms. Rager provided a review of the WEQ publication schedule. Mr. Skiba asked if the publication could be renumbered from Version 2.1 to Version 3.0, due to the large number of changes that would in the publication. There was general agreement to referencing the next publication as version 3.

11. Board of Directors, Board Committee and Regulatory Updates

Board Updates: Ms. McQuade encouraged participants to review the minutes from the June 23, 2011 Board of Directors meeting. She noted the three presentations that were given during the meeting: implications of the Dodd-Frank Bill to NAESB, the status of pending legislation related to cyber-security that may affect NAESB and an update on Rice University's activities related to the energy industry and NASA.

Electric Industry Registry: It was noted that OATI has completed the functional specifications for the registry, which was approved by both NERC and NAESB. Work has begun on the development of the new webRegistry.

12. Other Business

Ms. McQuade noted that FERC Order No. 1000 was released on July 21, 2011. She asked for volunteers to review the order to determine if NAESB will be impacted by this order. She will work to set up a conference call with the volunteers to review the order. Ms. McQuade urged participants to review the 2011 schedule.

13. Adjourn

Mr. Skiba moved, seconded by Mr. Harshbarger, to adjourn the meeting at 3:43 pm Mountain.

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14. Attendance

S – indicates an affirmative vote, O – indicates a vote in opposition, A – indicates an abstention, NB – indicates a vote cast through notational ballot and a blank cell indicates that the voter did not vote. The motions fro which the voting results are detailed below are noted in the minutes.

TRANSMISSION SEGMENT		ATTENDANCE
Patrick McGovern	Manager - System Services, Georgia Transmission Corporation	In Person
Charles Feagans	Manager – Operations and Standards, Tennessee Valley Authority	Phone
Corey Sellers	Transmission Service Manager, Southern Company	In Person
Edward Davis	Policy Consultant, Entergy Services, Inc.	In Person
Robert Bean	Transmission Services Trading Section Leader, Arizona Public Service Company	
Bob Harshbarger	OASIS Trading Manager, Puget Sound Energy	In Person
Craig Williams for Michelle Mizumori	Director of Market – Operations Interface, Western Electricity Coordinating Council (WECC)	In Person
GENERATION SEGMENT		
William J. Gallagher	Special Contracts Chief, Vermont Public Power Supply Authority	Phone
Kathy York	Sr. Energy Markets & Policy Specialist, Tennessee Valley Authority	In Person
Sherri Monteith	Regulatory Issues manager, American Electric Power Service Corp.	In Person
John Ciza	Project Manager Energy Policy and Regulatory Affairs, Southern Company Services	In Person
Alan Johnson	Director Regulatory Compliance – Commercial Operations & Commodities, NRG Energy, Inc.	Phone
Shah Hossain	Senior Regulatory Specialist, Westar Energy, Inc.	In Person
MARKETERS/BROKERS SEGMENT		
Chris Norton	Director of Market Regulatory Affairs, American Municipal Power, Inc.	Phone
Valerie Crockett for Belinda Thornton	General Manager - Energy Origination, Tennessee Valley Authority	In Person
Kevin Pera for David Lemmons	Senior Manager – Market Operations, Xcel Energy Inc.	In Person
Richard Lehman	Supply and Trading, Salt River Project	
John Apperson	Director – Commercial and Trading, PacifiCorp Energy	Phone
Roy True	Manager of Regulatory and Market Affairs, ACES Power Marketing	
Shannon Jones	Market Affairs Specialist, Manitoba Hydro	Phone
DISTRIBUTION/LOAD SERVING ENTITIES (LSE) SEGMENT		
Ray Phillips	Manager of Compliance and Special Projects, Alabama Municipal Electric Authority	
Robert S. Beadle	Senior Engineer, Duke Energy Corporation	In Person
Alan Pritchard	Senior Engineer, Duke Energy Corporation	In Person
Rufus D. Gladney	Executive Manager of Energy Services West, Consumers Energy Company	
Robert Martinko	Consultant FERC Compliance, FirstEnergy Service Company	
Syd Berwager	Industry Restructuring Project Manager, Bonneville Power Administration/Power Business Line	Phone
Dave Taylor	Director of Standards Regulatory Compliance, North American Electric Reliability Corporation (NERC)	Phone
END USERS SEGMENT		
Pam Stonier	Utilities Analyst, Vermont Public Safety Board	
Aaron Breidenbaugh	Senior Manager - Regulatory Affairs and Public Policy - New York, EnerNOC, Inc.	
Lou Ann Westerfield	Policy Strategist, Idaho Public Utilities Commission, rep. National Association of Regulatory Utility Commissioners	

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Jesse D. Hurley	Chief Executive Officer, Shift Research, LLC	
Mark Hackney for Paul Sorenson	Vice President - Central Markets Strategy, Open Access Technology International, Inc.	Phone
INDEPENDENT GRID OPERATORS/PLANNERS		
Chris Advena	Manager – Transmission Service, PJM Interconnection, LLC	Phone
Jim Castle	Manager - Grid Operations, New York Independent System Operator, Inc.	In Person
Matt Goldberg	Director Reliability & Operations Compliance ISO New England, Inc.	Phone
Brian Jacobsen	CAISO Manager – Enterprise Model Management, California ISO	
Joel Mickey	Director of Grid Operations, Electric Reliability Council of Texas	
Ed Skiba	Consulting Advisor, Standards Compliance & Strategy, Midwest ISO	In Person
Charles Yeung	Executive Director Interregional Affairs, Southwest Power Pool	In Person
TECHNOLOGY AND SERVICES		
Jim Buccigross	Vice President Energy Industry Practice, 8760, Inc.	Phone
Andy Tritch	Senior Business Analyst, SunGard	

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Other Participant Attendance

Participant	Organization	Attendance
Jonathan Booe	NAESB	Phone
Cory Cummings	NAESB	In Person
Cliff Grimm	DTE Energy	Phone
Marie Knox	Midwest ISO	In Person
Kirk Kubousek	OATI	Phone
James Manning	NCEMC	Phone
Patrick McGovern	GTC	Phone
Rae McQuade	NAESB	In Person
Derek Rahn	LGE/KU	In Person
Narinder Saini	Entergy	In Person
Veronica Thomason	NAESB	In Person
Jill Vaughn	Court Reporter	In Person
Eric Winkler	ISO New England	Phone
JT Wood	Southern Company	In Person
Jimmy Womack	SPP	In Person

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September 12, 2011

TO: NAESB Wholesale Electric Quadrant Executive Committee and Interested Industry Participants

FROM: Cory Galik Cummings, NAESB Staff Attorney

RE: Wholesale Electric Quadrant Executive Committee Meeting Draft Minutes

NORTH AMERICAN ENERGY STANDARDS BOARD
WHOLESALE ELECTRIC QUADRANT
EXECUTIVE COMMITTEE MEETING
Tuesday, August 16, 2011 – 10:00 am to 4:00 pm Mountain
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.

2. Consent Agenda

Ms. Crockett moved, seconded by Mr. Ciza, to accept the consent agenda. The consent agenda included the agenda, the February 1, 2011 draft minutes, the March 21, 2011 draft minutes, the proposed redlined changes submitted by Mr. Skiba for the June 30, 2011 draft minutes and the changes to the 2011 Annual Plan to be proposed to the Board of Directors. The motion passed unanimously.

3. Overview of Standards Development – Parallel Flow Visualization

Mr. Skiba provided an overview of the parallel flow visualization development efforts. The WEQ business practice subcommittee reached an impasse on one issue and sought guidance from the EC. The subcommittee has worked on two-tier curtailment as a requirement within the parallel flow visualization permanent solution and is unable to determine whether it is a policy issue that should be determined by the Board or Managing Committee and FERC. He reviewed the cover letter, two-tier firm curtailment overview document and procedural history. He presented this issue to the WEQ EC because it is up to this body to determine whether to forward the issue to the Managing Committee. The two position papers, policy concern and no policy concern, were also reviewed.

The EC discussed the proper avenue in order to answer the question. Ms. McQuade stated that the Managing Committee, as the representative of the Board between Board meetings, should address all issues of scope. Mr. Hossain moved to ask the Managing Committee if the decision by the business practice subcommittee to include two-tier firm curtailment is within the scope of NAESB. Mr. Pritchard seconded the motion. Ms. McQuade noted that it is implied by the EC in asking the Managing Committee this question, that EC members share the concern that there may be a scope question. If the Managing Committee determines it is out of scope, work would stop until the issue is discussed with FERC. Ms. Monteith noted that Mr. Hossain's motion should come after a vote by the EC to determine whether the issue is within scope. Mr. Buccigross stated that the EC could not determine scope issues, that is the purview of the Board of Directors and the Managing Committee as Ms. McQuade had noted earlier. Mr. Gallagher suggested the motion be reworded to state, motion to ask the Managing Committee whether two-tier firm curtailment is within the scope of NAESB. Mr. Hossain and Mr. Pritchard agreed with the new motion.

The motion passed a simple majority vote with 15 in favor and 12 opposed.

Mr. Pritchard stated that the EC had the authority to provide guidance to the subcommittee and based on the information provided, there were a number of reasons for not moving forward with two-tier curtailment. He moved that the EC direct the business practice subcommittee not to incorporate two-tier firm curtailment into the parallel flow visualization work. Mr. Davis seconded the motion. Mr. Skiba stated that he had concerns with the motion.

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The subcommittee made a decision to include a particular feature and function into a recommendation and now, through the motion presented by Mr. Pritchard, the EC would be asked to tell the subcommittee to stop that work prior to the EC's vote on the recommendation. Should EC members have concerns with the direction of the BPS, he urged EC members to participate. The EC will have the decision in front of them once the BPS has concluded its work and completed the recommendation. The EC discussed the consequences of this motion and Mr. Pritchard withdrew the motion.

4. Overview of Standards Development – OASIS Network Integration Transmission Services (NITS)

Mr. Wood presented the review of the OASIS NITS work with a power point presentation. The OASIS subcommittee is in the process of developing its recommendation and requested informal comments from the industry on the draft version of the new standards. Those comments were due July 29, 2011 and the subcommittee began reviewinged the comments received during the August 2-4 meeting. He reviewed the recommendation, which has five sections:

- Proposed revisions to the OASIS acronym and glossary (WEQ000);
- Proposed revisions to the OASIS (WEQ001);
- Proposed revisions to the OASIS S&CPs (WEQ002);
- Proposed revisions to the WEQ OASIS Data Dictionary (WEQ003); and
- Proposed revisions to the WEQ Implementation Guide (WEQ013).

Mr. Wood anticipated that the recommendation would be voted out of the subcommittee at the end of the third quarter. Mr. Skiba noted that the changes made to the WEQ standards were huge and recommended a longer formal comment period to allow industry participants time to prepare comments. Ms. McQuade noted that the 30-day requirement for formal comments was the minimum and can be extended. To do so, a simple majority vote is required. Mr. Skiba moved to extend the formal comment period for the NITS on OASIS work to 60 days. Mr. Pera seconded the motion. The motion passed unanimously.

Mr. Wood noted that the subcommittee would host another technical conference, similar to the one held prior to the informal comment period. This meeting would be noticed well in advance, to provide ample opportunity for interested parties to attend.

5. Progress Report on Demand Side Management/Energy Efficiency

Ms. Cummings provided the update.

FERC Activities and Demand Response (DR) Implementation Plan: The WEQ Energy Efficiency recommendation was approved via notational ballot on April 18, 2011 and ratified by membership on May 13, 2011. The Wholesale Electric Quadrant Energy Efficiency Standards were filed jointly with the Wholesale Electric Demand Response Standards on April 30, 2011. In that filing, NAESB informed the Commission that the Demand Response standards went as far as possible without affecting the ISO/RTO stakeholder process. Any further detail will require a directiveguidance from the FERC to do so.

In early July, the staff of FERC and the Department of Energy (DOE) sent to Congress an *Implementation Proposal for The National Action Plan on Demand Response*. The objective of the proposal, which builds on the June 2010 *National Action Plan*, is to achieve the nation's demand response potential. Both documents were required by section 529 of the Energy Independence and Security Act of 2007 (EISA). The implementation proposal identifies a number of activities to be undertaken by various combinations of FERC staff, DOE, and private or non-federal government organizations and coalitions to implement the *National Action Plan*. The implementation proposal relies as much as possible on existing public programs while encouraging new private involvement to implement the identified activities. Activities are grouped in the same three major categories as in the action plan: technical assistance to the states, national communications program, and tools and materials. Under the tools and materials category, the implementation proposal calls for developing certain tools and material for use by customers, states and DR providers. The tools to be developed fall into two categories: a web-based clearinghouse of DR material and

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enhanced DR analytical tools and methods. NAESB is mentioned twice, under both the web-based clearinghouse, which references NAESB's DR standards and the enhanced DR analytical tools and methods, which references our standards on energy price information.

Retail EE Efforts and Retail DR Phase 2 Efforts: The Retail Energy Efficiency work group continues to work on its recommendation. During the May Retail EC meeting, the co-chairs of the work group expressed concern regarding the scope of the recommendation. As the work group was drafting the recommendation there was concern voiced that the scope was too broad, while others thought the scope was not broad enough. There was also concern raised that NAESB's efforts were overlapping the State and Local Energy Efficiency Action Network (SEE Action) effort led by the Department of Energy. A conference call was held between the DOE, NARUC and NAESB to address this concern. During that meeting, it became apparent that there was not redundancy in the two efforts. As a result, several participants volunteered to take the recommendation in its current form and complete a full set of model business practices. The model business practices were completed in mid-July and a Retail Energy Efficiency work group meeting was held on July 18 to review the work product at the work group level. After that meeting, the work product was sent out for an informal comment period. Three sets of comments were received and reviewed on August 8, 2011. The review was not complete and another meeting was scheduled for August 22, 2011. A few more comments are expected for that meeting.

With the completion of the Phase 2 Demand Response Model Business Practices, the Retail DR work group has focused its efforts on R10002, which is a request to develop Model Business Practices for Enrollment in Demand Response programs.

SEE Action: The ~~State and Local Energy Efficiency Action Network (~~SEE Action~~)~~ is a state and local effort facilitated by the federal government that helps states, utilities, and other local stakeholders take energy efficiency to scale and achieve all cost-effective energy efficiency by 2020. SEE Action, a partnership between the U.S. Department of Energy and the Environmental Protection Agency looks for opportunities to catalyze and transform the market and foster the emergence of a sustainable energy efficiency industry by providing technical assistance. SEE Action consists of eight issue-oriented working groups. Each of the working groups is developing a blueprint (or roadmap) for achieving near- and long-term aggressive goals critical to capturing all cost-effective energy efficiency within the respective sectors:

- Building Energy Codes
- Customer Information and Behavior
- Evaluation, Measurement and Verification (EM&V)
- Existing Commercial Buildings
- Financing Solutions
- Industrial Energy Efficiency and Combined Heat and Power
- Residential Building Retrofits
- Utility Motivation and Energy Efficiency

The goal of the EM&V working group is to transform EM&V to yield more accurate, credible, and timely results that accelerate deployment and improve management of energy efficiency.

6. e-Tag and Dodd-Frank Act Discussion

Mr. Booe provided the update. In May, NAESB was contacted by the Open Financial Data Group, which is an affiliation of researchers from the US Treasury Office, the Enterprise Data Management Council, various university staff and others from the industry, to discuss the background of the e-Tag system. They were interested in e-Tag as a model for the meta data infrastructure required by Dodd-Frank regulations. On June 20, NAESB held a conference call with the Open Financial Data Group to discuss e-Tag. During the meeting, Bob Harshbarger of Puget Sound gave a presentation on the development and functionality of the e-Tag system and Wayne Moore of Southern company provided some insight on how the system could be leveraged to meet the reporting requirements from Dodd-Frank. Since that meeting, NAESB has not heard back from the group but Mr. Booe let them know that NAESB would be happy to support their efforts in any way they deem necessary.

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In response to the new mandates required by Dodd-Frank, the Commodity Futures Trading Commission (CFTC) has developed a new Data Standardization Subcommittee under the CFTC's Technology Advisory Committee (TAC) to serve as a public/private partnership and provide industry guidance for the creation or adoption of standards in the area (standards describing, communicating and storing data concerning complex financial products). The new subcommittee is comprised of 22 private industry data management experts, as well as representatives from the FERC Office of Energy Market Oversight, Securities and Exchange Commission (SEC) and the Treasury. The subcommittee held its kickoff meeting at the CFTC on August 5, 2011; during the meeting, the subcommittee members introduced themselves and were divided into four working groups to address separate issues identified by CFTC staff. The four issue areas are:

- The standardization of product and entity identification,
- The standardization of machine-readable legal documents for derivatives contracts
- The standardization of semantic representations of financial instruments, and
- The standardization of data storage and retrieval systems.

The purpose of the working groups is to advise the subcommittee on the necessity of regulatory action or oversight in the areas and to provide updates of standardization efforts already underway within the industry. Mr. Booe attended the work group meeting dedicated to the standardization of product and entity identification and during that meeting, the group discussed two standards efforts underway and nearly complete by ISO (International Standards Organization) and International Swaps and Derivatives Association (ISDA) to address these requirements. The group will meet every Wednesday to develop a report to recommend the two standards. The next subcommittee meetings are scheduled for September 30 and November 4, 2011.

7. Procedures Review – Roles and Responsibilities

Ms. McQuade reiterated some of the discussion held during the BPS review. The Executive Committee works on the standards and the Board handles the process of the organization, governance, strategic direction as well as external liaisons. The subcommittees are created by and serve the Executive Committee. Those subcommittees have the responsibility to accomplish the work assigned to them in the Annual Plan and through requests – all of which are directed toward standards development.

8. **Subcommittee Updates**

Triage Subcommittee: Ms. McQuade provided the review of triaged items. She noted that R11014 and R11015 were both assigned to the WEQ and a new PKI subcommittee was created to address both of them. The first PKI subcommittee meeting was scheduled for Thursday, September 22, 2011, following the NAESB Board of Directors meeting.

Business Practice Subcommittee: Mr. Saini provided the update and reviewed his power point presentation. He noted that the majority of the BPS work had been addressed in agenda item 3. He also noted that the joint NERC Balancing Authority Controls Standards Drafting Team (BACSDT) and NAESB Time and Inadvertent Management Task Force (TIMTF) have not met pending NERC standards development activity, but NERC is preparing to start a field trial for the elimination of Manual Time Error Correction. In March, NAESB WEQ leadership discussed the best way to coordinate with NERC because NAESB has approved standards to support the NERC field trial. In April, the WEQ EC approved a minor correction to the Manual Time Error Correction (WEQ-006) to suspend the NAESB standards WEQ-006-1 through WEQ-006-12. Ms. York noted that there has been a delay on the NERC field test while they worked to determine the best approach for this work.

DSM-EE Subcommittee: This work was reviewed under agenda item 5.

OASIS Subcommittee: Mr. Wood provided the update and reviewed the OASIS Progress Report. He briefly reviewed the Network Integrated Transmission System (NITS) work that was addressed in agenda item 4. He noted that the recommendation on Systems Across Multiple Transmission Systems (SAMTS) was approved by the EC and ratified with membership. The SAMTS standards will be filed with the FERC shortly.

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Joint Electric Scheduling Subcommittee (JESS): Mr. Harshbarger provided the update. The subcommittee developed some minor corrections from the e-Tag specifications. There has been no further work for JESS to address since the last EC meeting, as the NERC INT re-write has been suspended.

Standards Review Subcommittee (SRS): Mr. Saini provided the update and presented a power point presentation. The SRS's work has included glossary coordination with the retail glossary subcommittee and a cross quadrant review of clarifications and interpretations to determine if they may affect the WEQ.

10. Publication Schedule

Ms. Rager provided a review of the WEQ publication schedule. Mr. Skiba asked if the publication could be renumbered from Version 2.1 to Version 3.0, due to the large number of changes that would in the publication. There was general agreement to referencing the next publication as version 3.

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Jesse D. Hurley	Chief Executive Officer, Shift Research, LLC	
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Brian Jacobsen	CAISO Manager – Enterprise Model Management, California ISO	
Joel Mickey	Director of Grid Operations, Electric Reliability Council of Texas	
Ed Skiba	Consulting Advisor, Standards Compliance & Strategy, Midwest ISO	In Person
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NORTH AMERICAN ENERGY STANDARDS BOARD
2011 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
Approved by the Board of Directors on September 22, 2011 With Completion Date Changes Offered by the Annual Plan Subcommittee

	Item Description	Completion[1]	Assignment[2]
1	**Develop business practices standards as needed to complement reliability standards**		
	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 – Permanent Solution Note: Consideration should be given to provisional item 4. Work is being coordinated with the NERC IDC Working Group. Status: Started	4th Q, 2011	BPS
b)	Perform consistency review of WEQ-008 Transmission Loading Relief Business Practice Standards and develop recommendation.[1]	2012	BPS
c)	DCS and AGC (BAL-002 and BAL-005) Coordination with NERC Status: Monitor. (Will require coordination with Balancing Authority Reliability Based Controls Group created in July 2010 NERC Project 2010-14)	TBD[2]	TIMTF
d)	Coordinate with NERC on the functional model glossary revisions NERC Project 2010-08	TBD	SRS
e)	Coordinate with NERC on changes to the definition of Bulk Electric System NERC Project 2010-17 Status: Started (Initial review performed to determine whether NAESB should adopt revised NERC definition or maintain existing definition. Decision was to recommend adopting revised NERC definition.)	1st Q, 2012	SRS
2	**Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)[2]**		
a)	Develop version 2 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers. Status: Underway Request R050004 was expanded to include the Order No. 890 (Docket Nos.RM05-17-000 and RM02-25-000), (Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002), and Order No. 890-B (Docket Nos. RM05-17-03 and RM05-25-03) "Preventing Undue Discrimination and Preference in Transmission Services"		
i)	Group 3: Network Service On OASIS[3]		

[1] In some sections of WEQ 008 it appears that the standards are applicable to all of the Interconnections and other it appears that the standards are only applicable to the Eastern Interconnection. The title indicates the standards are applicable to the Eastern Interconnection.

[2] FERC Order No. 890, issued February 16, 2007 can be accessed from the following link - http://www.naesb.org/doc_view4.asp?doc=ferc021607.doc

[3] Several group 3 items may be removed from this plan if the 4th quarter completion dates are met.

North American Energy Standards Board
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Item Description	Completion[1]	Assignment[2]
1) Use of OASIS to Make Electronic Requests to Designate and Terminate Network Resource Status: Underway	~~3rd~~ 4th Q, 2011	OASIS
2) Ability to Query Requests to Designate and Terminate Network Resources and Allow for Queries of All Information Provided with Designation Requests Status: Underway	~~3rd~~ 4th Q, 2011	OASIS
3) Masking of Designated Network Resource Operating Restrictions and Generating Cost Information Status: Underway	~~3rd~~ 4th Q, 2011	OASIS
4) Procedural Requirements for Submitting Designations over new OASIS Functionality Status: Underway	~~3rd~~ 4th Q, 2011	OASIS
5) Specify How Designated Network Service Informational Postings are Posted on OASIS Status: Underway	~~3rd~~ 4th Q, 2011	OASIS
6) Develop standards for the treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation Status: Underway	~~3rd~~ 4th Q, 2011	OASIS
7) Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources Status: Underway	~~3rd~~ 4th Q, 2011	OASIS
8) Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations Status: Underway	~~3rd~~ 4th Q, 2011	OASIS
ii) Group 4: Pre-Emption; Request No. R05019		
1) Pre-Emption Status: Started	1st Q, 2012	OASIS
2) Request No. R05019 Status: Started	1st Q, 2012	OASIS

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	Item Description	Completion[1]	Assignment[2]
iii)	Group 5: Paragraph 1377[4] – Group 5 work should precede group 4 work[3]		
	1) Paragraph 1377-Coordination of Requests Across Multiple Transmission Systems	2nd Q, 2011	OASIS
	Status: Complete through the OASIS subcommittee, the WEQ EC approved July 8, 2011, ratification due August 11, 2011.		
	2) Re-Bid Of Partial Service across Multiple Transmission Providers' Systems	2nd Q, 2011	OASIS
	Status: Complete through the OASIS subcommittee, the WEQ EC approved July 8, 2011, ratification due August 11, 2011		
	3) Group DNR requests from a system with point-to-point requests on other systems for synchronization	2nd Q, 2011	OASIS
	Status: Complete through the OASIS subcommittee, the WEQ EC approved July 8, 2011, ratification due August 11, 2011		

[4] Paragraph 1377 of FERC Order No. 890, issued February 16, 2007: The Commission agrees that transmission requests across multiple transmission systems should be coordinated by the relevant transmission providers. We will not, however, amend the pro forma OATT to require such coordination. Rather, we require transmission providers working through NAESB to develop business practice standards related to coordination of requests across multiple transmission systems. In order to provide guidance to NAESB, we will articulate the principles that should govern processing across multiple systems. All the transmission providers involved in a request across multiple systems should consider a request that requires studies across multiple systems to be a single application for purposes of establishing the deadlines for rendering an agreement for service, revising queue status, eliciting deposits and commencing service. In order to preserve the rights of other transmission customers with studies in the queue, the priority for the single application should be based on the latest priority across the transmission providers involved in the multiple system request. We note that regional entities like wesTTrans are already coordinating requests across multiple transmission systems and we believe such coordination is an acceptable solution to this issue.

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	Item Description	Completion[1]	Assignment[2]
iv)	Group 6: Miscellaneous (Paragraphs 1390[5] and 1627[6] of FERC Order No. 890)		
	1) Paragraph 1390 of Order 890 – Terminations related to: deficient requests, customer failure to pay required annual reservation fee, and customer modifications to applications which are meaningfully different.	1st Q, 2012	OASIS
	Status: Completed		
	2) Paragraphs 1627 of Order 890 – Posting of additional information on OASIS regarding firm transmission curtailments	1st Q, 2012	OASIS
	Status: Not Started		
	3) Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services.	1st Q, 2012	OASIS
	Status: Not Started		

[5] Paragraph 1390 of FERC Order No. 890, issued February 16, 2007: We will not modify the pro forma OATT to address requests to allow the transmission provider to terminate idle transmission service requests. NAESB's business practice 001-4.11 allows the transmission provider to retract a request if the transmission customer does not respond to an acceptance within the time established in NAESB business practice standard 001-4.13. Therefore, we interpret TDU Systems comments to refer to circumstances when a transmission customer fails to respond to the transmission provider's request for additional information during the course of a request study. As discussed above, by the time the transmission provider offers a system impact study agreement, it should have all of the information that it needs to complete the study. Pursuant to section 17.4 of the pro forma OATT, the transmission provider can deem a transmission service request deficient if the transmission customer does not provide all of the information the transmission provider needs to evaluate the request for service. We will revise section 17.7 of the pro forma OATT so that the transmission provider is able to terminate a request for transmission service if a transmission customer that is extending the commencement of service does not pay the required annual reservation fee within 15 days of notifying the transmission provider that it would like to extend the commencement of service. We will not change the pro forma OATT to allow the transmission provider to terminate a transmission service request if the transmission customer changes its application for service. We believe the existing pro forma OATT is sufficient to allow a transmission provider to manage situations where the transmission customer modifies its application for service to the point that the customer is requesting transmission service that is meaningfully different than its initial request.

[6] Paragraph 1627 of FERC Order No. 890, issued February 16, 2007: We agree with suggestions for the posting of additional curtailment information on OASIS and, therefore, require transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards. These postings must include all circumstances and events contributing to the need for a firm service curtailment, specific services and customers curtailed (including the transmission provider's own retail loads), and the duration of the curtailment. This information is in addition to the Commission's existing requirements: (1) when any transmission is curtailed or interrupted, the transmission provider must post notice of the curtailment or interruption on OASIS, and the transmission provider must state on OASIS the reason why the transaction could not be continued or completed; (2) information to support any such curtailment or interruption, including the operating status of facilities involved in the constraint or interruption, must be maintained for three years and made available upon request to the curtailed or interrupted customer, the Commission's Staff, and any other person who requests it; and, (3) any offer to adjust the operation of the transmission provider's system to restore a curtailed or interrupted transaction must be posted and made available to all curtailed and interrupted transmission customers at the same time.

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	Item Description	Completion[1]	Assignment[2]
b)	Develop the needed business practices to support existing Request No. R05004: 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	~~3rd~~ 4th Q, 2011	OASIS
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**		
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 (R04006E). (Related to AP 2(a)(iii) and AP 2(a)(i)) Status: Underway.	~~3rd~~ 4th Q, 2011	OASIS
ii)	Registry (TSIN): Determine and develop needed business practice standards to support the registry functions currently supported by NERC (R04037, R06027) and transition the TSIN Registry from NERC to NAESB as the enhanced Electric Industry Registry (EIR). Status: Underway.	1st Q, 2012	NAESB/NERC Administration, JESS
iii)	Make remaining incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS (R05026). Scoping statement completed by SRS. There were a number of assignments from the Standards Request. The outstanding items are included below:		
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	2012	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)	2012	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)	2012	OASIS

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	Item Description	Completion[1]	Assignment[2]
iv)	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. Status: Underway. Completion date dependent upon coordination activities with NERC, and Project 2008-12 is delayed by NERC due to other higher priority development	2012	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: Underway	3rd Q, 2011	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)	2012	OASIS
iii)	Develop Industry Implementation Plan for meeting PKI Standard requirements for e-tagging. Status: Underway. Full e-Tag implementation (server & client side) is linked to the transition of the Registry from NERC to NAESB and NAESB implementation.	TBD – dependent on item above (i) and EIR	JESS
4	**Review and develop business practices standards to Demand Response, Demand Side Management and Energy** Efficiency Programs Review and develop needed model business practices for a standardized method for quantifying benefits, savings, cost avoidance and/or the reduction in energy demand and usage derived from the implementation of demand side management and energy efficiency programs. This effort will include demand side response, energy efficiency programs and metering, including the 'curtailment service provider' program.		
a)	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 Standards Subcommittees 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. Status: Completed	Phase 2 – 4th Q 2010	WEQ Section of the Joint WEQ/REQ DSM-EE Subcommittee
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). Status: Completed	Phase 2 – 4th Q 2010	WEQ Section of the Joint WEQ/REQ DSM-EE Subcommittee

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	Item Description	Completion[1]	Assignment[2]
	c) Coordinate glossary updates for business practice standards with the Retail Electric Quadrant Status: Ongoing	Ongoing	Joint WEQ/REQ DSM Subcommittee and WEQ SRS and Retail Glossary
	d) Develop business practice standards used to measure and verify reductions in energy and demand from energy efficiency in wholesale and retail markets.[3] 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: The WEQ EE standards are completed.	4th Q, 2010 Retail Standards 4th Q 2011	Joint WEQ/REQ DSM-EE Subcommittee
5	**Maintain existing body of Version 2.x standards**		
	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: Completed	3rd Q, 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. (R08011) Status: Started	1st Q, 2012	OASIS
	c) Correct WEQ 013-2.6.7.2. – Resale off OASIS (R08027) Status: Not Started	TBD	OASIS
	d) Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 (R09003) Status: Started	1st Q, 2012	OASIS
	e) Create a new OASIS mechanism that allows for the merger of like reservations without the use of the resale mechanism (R09015) Status: Not Started	TBD	OASIS
6.	**Develop Smart Grid Wholesale and Retail Electric Standards -** 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 Phase 2 Status: Completed	4th Q, 2010	Joint WEQ/REQ SGS Subcommittee
	b) Develop requirements and use cases for PAP 04 – Scheduling Model Phase 2 Status: Completed	4th Q, 2010	Joint WEQ/REQ SGS Subcommittee
	c) Develop requirements and use cases for PAP 09 – Demand Response/Distributed Energy Resources Phase 2 Status: Completed	4th Q, 2010	WEQ Section of the Joint WEQ/REQ SGS Subcommittee

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	Item Description	Completion[1]	Assignment[2]
d)	Develop standards to support PAP 10 – Standards Energy Usage Information		
i)	Develop Information Model and related business practices Status: Completed	4th Q, 2010	Joint WEQ/REQ PAP 10 SGS Subcommittee
ii)	Develop standards to support PAP 10 – Standards Energy Usage Information, Phase 2, Harmonization with CIM and SEP 2.0 Status: Not Started, pending discussions with CIM and SEP 2.0	~~2011~~1st Q, 2012	Joint WEQ/REQ PAP 10 SGS Subcommittee
7.	**Develop or modify standards to Support FERC Order No. 676-E, (Docket No. RM 05-5-013)**		
a)	Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E (See ¶ 39[7]) Status: Completed	4th Q, 2011	OASIS
b)	Develop standards to support the Transmission Provider right to reassess the availability of conditional firm (See ¶ 72[8]) Status: Started	4th Q, 2011	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[9]). This annual plan item is tied to Annual Plan Item 2(a)(iii) Status: ~~Underway – second report filed~~Completed.	~~Ongoing~~4th Q, 2011	NAESB Office

[7] 39. In regards to Entergy's question of whether the transmission provider's calculated and posted available flowgate capability values should be used to fulfill the posting requirements set forth in Standard 001-14 and 001-15 in instances where there is no requirement to convert this calculation to available transfer capability values, we agree with Entergy that this requirement can be met by the transmission provider posting its available flowgate capability values. As to EPSA's argument that Standard 001-15 falls short of the goals of Order No. 890, we find that, with the exception of Standard 001-15.1.2, compliance with Standard 001-15 provides all of the information required by Order No. 890. However, Standards 001-14.1.3 and 001-15.1.2 permit transmission providers to post an available transfer capability change narrative within five business days of meeting the criteria under which a narrative is required to be posted. In Order No. 890, the Commission rejected calls for delays prior to posting data and required posting as soon as possible. We do not find the NAESB standard meets this criterion and therefore decline to incorporate Standards 001-14.1.3 and 001-15.1.2 by reference. Transmission providers must post their narratives as soon as feasibly possible. Posting within one day would appear in most cases to be reasonable.

[8] 72. However, we reiterate here the Commission's finding in Order No. 890 that a transmission provider is permitted to extend its right to reassess the availability of conditional firm service. Since the Version 002.1 Standards do not specifically address this issue, we would ask the industry, working through NAESB, to continue to look at additional business practice standards facilitating a transmission provider's extension of its right to perform a reassessment

[9] 105. We agree that insufficient progress has been made on this issue. While we acknowledge that development of standards addressing this issue is included in NAESB's 2009 WEQ Annual Plan, we nevertheless urge NAESB to address this issue as soon as possible. Accordingly, we request that NAESB provide the Commission with a status report concerning its progress on this issue every six months, counting from the date this final rule is published in the Federal Register, until NAESB's adoption of the applicable standard(s).

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PROVISIONAL ITEMS

1 Develop and or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy (Project 2009-05 Resource Adequacy Assessment).

2 Develop business practices for allocating capacity among requests received during a submittal window Order 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002 - Paragraph 805)[10].

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[11] (Phase 2) in concert with NERC, which may include alternative congestion management procedures[4]. 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 - Phase 1).

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 Determine NAESB action needed to support FERC Action Plan for Smart Grid Technology.

7 Develop business practice standards for cap and trade programs for greenhouse gas

8 Conduct assessment to determine if Electric Industry Requirements documented in WEQ-011 Gas / Electric Coordination should be considered reliability requirements and transition to NERC.

9 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.

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

11 Develop, modify or delete business practices to support Time Error and Inadvertent (BAL-004 and BAL-006) resulting from the NERC field test under NERC project (NERC Project 2010-14).

12. Coordinate standards development with the NERC Balancing Authority Reliability Based Controls Standards Drafting Team (BARCSDT- created in July 2010) regarding DCS and AGC (BAL-002 and BAL-005) which may require changes to NAESB WEQ standards.

[10] 805. The Commission recognizes that developing methods to allocate capacity among requests received during a submittal window may require detailed procedures, particularly when transmission requests received simultaneously exceed available capacity. As the Commission explained in Order No. 890, however, we believe that each transmission provider is in the best position to develop allocation procedures that are suitable for its system. This does not preclude transmission providers from working through NAESB to develop standardized practices, as suggested by Southern. For example, as we pointed out in Order No. 890, allocation methods such as that used by PJM to allocate monthly firm point-to-point transmission service could provide useful guidance in developing general allocation procedures.

[11] Phase 2 of the Parallel Flow Visualization looks at developing options for and reporting of the most cost effective alternatives to achieve curtail obligations assigned during Phase 1."

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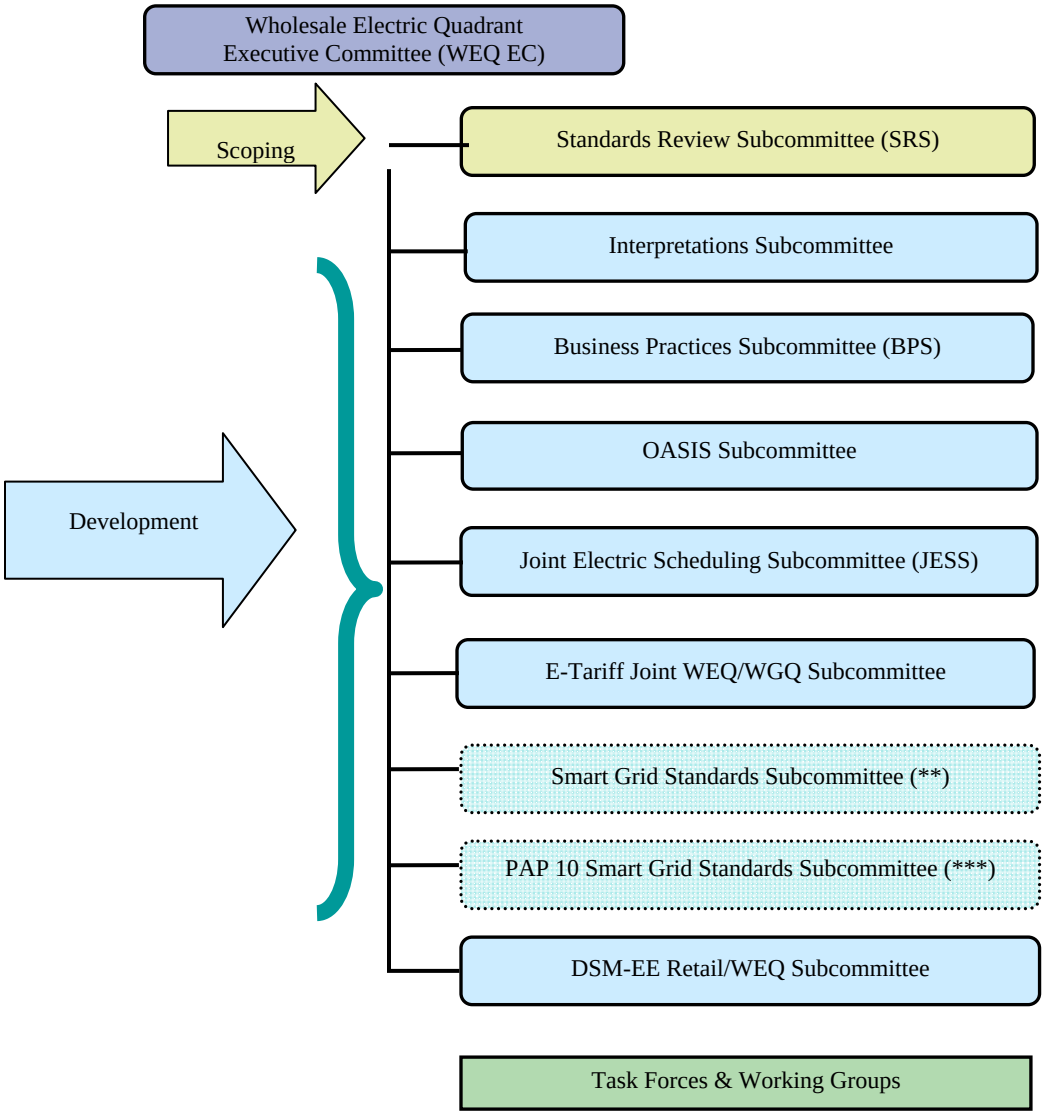
WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE



NAESB WEQ EC and Subcommittee Leadership:
Executive Committee (EC): Kathy York (Chair) and James Castle (Vice Chair)
Standards Review Subcommittee (SRS): Narinder Saini, Ed Skiba
Interpretations Subcommittee: Ed Skiba
Business Practices Subcommittee (BPS) & Time and Inadvertent Management Task Force (TIMTF): Ed Skiba , Narinder Saini
Open Access Same Time Information System (OASIS) Subcommittee (OS): Paul Sorenson, J.T. Wood, Alan Pritchard
Joint Electric Scheduling Subcommittee (JESS): Bob Harshbarger (NAESB), Clint Aymond (NERC)
e-Tariff Joint WEQ/WGQ Subcommittee (e-Tariff): Jane Daly (WEQ), Keith Sappenfield (WGQ)
Demand Side Management-Energy Efficiency (DSM-EE) REQ/WEQ Subcommittee: Ruth Kiselewich (Retail), Roy True and Paul Wattles (WEQ)

(**) The Smart Grid Standards Subcommittee is a joint group of the retail electric and wholesale electric quadrants with other

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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 UCAIug, among others. Direction may be given from NIST, DoE or FERC and the group reports jointly to the NAESB Board Smart Grid Strategic Steering Committee and the WEQ and REQ ECs. The group is chaired by Joe Zhou, Wayne Longcore and Robert Burke.

(***) The PAP 10 Smart Grid Standards Subcommittee is a joint group of the retail electric and wholesale electric quadrants with other standards development groups such as OASIS, UCAIug, OpenADE, ZigBee, ASHRAE, EIS Alliance, NARUC and includes other groups. Direction may be given from NIST, DoE or FERC and the group reports jointly to the NAESB Board Smart Grid Strategic Steering Committee and the WEQ and REQECs. The group is chaired by Phil Precht, Cathy Wesley, Sharon Dinges, David Kaufman, Brad Ramsay, Tobin Richardson and Ed Koch.

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End Notes WEQ 2011 Annual Plan:

[1] 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.

[2] The assignments are abbreviated. The abbreviations and sub-committee structure can be found at the end of the annual plan document.

[3] 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.

[4] For additional information, please see comments submitted by PJM and Midwest ISO for this Annual Plan Item: http://www.naesb.org/pdf3/weq_aplan102907w1.pdf.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **WEQ**
Requesters: **OASIS Subcommittee**
Request No.: **2011 WEQ Annaul Plan Item 2(a)(iv)(1)**
Request Title: **Paragraph 1390 of Order 890**

1. RECOMMENDED ACTION:

___Accept as requested
___Accept as modified below
__X Decline

EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:

___Change to Existing Practice
__X Status Quo

2. TYPE OF DEVELOPMENT/MAINTENANCE

Per Request:	**Per Recommendation:**
_X_Initiation	___Initiation
___Modification	___Modification
___Interpretation	___Interpretation
___Withdrawal	_X_Withdrawal
___Principle	___Principle
___Definition	___Definition
_X_Business Practice Standard	_X_Business Practice Standard
___Document	___Document
___Data Element	___Data Element
___Code Value	___Code Value
___X12 Implementation Guide	___X12 Implementation Guide
___Business Process Documentation	___Business Process Documentation

3. RECOMMENDATION

SUMMARY:

Paragraph 1390 of Order 890 – Terminations related to: deficient requests, customer failure to pay required annual reservation fee, and customer modifications to applications which are meaningfully different.

RECOMMENDED STANDARDS:

No new standards or changes to existing standards are proposed.

4. SUPPORTING DOCUMENTATION

a. Description of Request:

WEQ 2011 Annual Plan Item 2(a)(iv)(1) – "Paragraph 1390 of Order 890 – Terminations related to: deficient requests, customer failure to pay required annual

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: WEQ
Requesters: OASIS Subcommittee
Request No.: 2011 WEQ Annaul Plan Item 2(a)(iv)(1)
Request Title: Paragraph 1390 of Order 890

reservation fee, and customer modifications to applications which are meaningfully different.

Paragraph 1390 of FERC Order No. 890, issued February 16, 2007: We will not modify the pro forma OATT to address requests to allow the transmission provider to terminate idle transmission service requests. NAESB's business practice 001-4.11 allows the transmission provider to retract a request if the transmission customer does not respond to an acceptance within the time established in NAESB business practice standard 001-4.13. Therefore, we interpret TDU Systems comments to refer to circumstances when a transmission customer fails to respond to the transmission provider's request for additional information during the course of a request study. As discussed above, by the time the transmission provider offers a system impact study agreement, it should have all of the information that it needs to complete the study. Pursuant to section 17.4 of the pro forma OATT, the transmission provider can deem a transmission service request deficient if the transmission customer does not provide all of the information the transmission provider needs to evaluate the request for service. We will revise section 17.7 of the pro forma OATT so that the transmission provider is able to terminate a request for transmission service if a transmission customer that is extending the commencement of service does not pay the required annual reservation fee within 15 days of notifying the transmission provider that it would like to extend the commencement of service. We will not change the pro forma OATT to allow the transmission provider to terminate a transmission service request if the transmission customer changes its application for service. We believe the existing pro forma OATT is sufficient to allow a transmission provider to manage situations where the transmission customer modifies its application for service to the point that the customer is requesting transmission service that is meaningfully different than its initial request.

b. Description of Recommendation:

The WEQ OS is recommending that no further action be taken on WEQ 2011 Annual Plan Item 2(a)(iv)(1).

c. Business Purpose:

Paragraph 1390 of Order 890 – Terminations related to: deficient requests, customer failure to pay required annual reservation fee, and customer modifications to applications which are meaningfully different.

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

The WEQ OS discussed the FERC Order 890 Paragraph 1390 at the July 25-26, 2011 meeting.

During these discussions it was determine that the definition of the status DECLINED permits a Transmission provider to address termination as presented in paragraph 1390. Based on the WEQ OS review, the WEQ OS has determined that NAESB does not need to develop business practices.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant:	**WEQ**
Requesters:	**OASIS Subcommittee**
Request No.:	**2011 WEQ Annaul Plan Item 2(a)(iv)(1)**
Request Title:	**Paragraph 1390 of Order 890**

Additional background information can be found at:

WEQ OS meeting minutes:

- July 25-26, 2011
- August 2-4, 2011

North American Energy Standards Board
801 Travis, Suite 1675, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

via email and posting

TO: NAESB Wholesale Electric Quadrant (WEQ) Members and Interested Industry Participants
FROM: James Culliton, Staff Attorney
RE: WEQ Request for Formal Comments
DATE: August 9, 2011

Dear NAESB WEQ Members and Interested Industry Participants,

A 30-day industry comment period begins today, Thursday August 9, 2011 and ends on September 8, 2011 for the three WEQ recommendations found below. Each recommendation is also posted on the NAESB web site.

Recommendations:
WEQ 2011 Annual Plan No. 2(a)(iv)(1): Paragraph 1390 of Order 890 – Terminations related to: deficient requests, customer failure to pay required annual reservation fee, and customer modifications to applications which are meaningfully different. Recommendation: http://www.naesb.org/pdf4/weq_2011_api_2_a_iv_1_rec.doc
WEQ 2011 Annual Plan No. 5(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). Recommendation: http://www.naesb.org/pdf4/weq_2011_api_5a_r08001_r08002_r08003_r08005_rec.doc
WEQ 2011 Annual Plan No. 7(a): Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E (See Paragraph 39). Recommendation: http://www.naesb.org/pdf4/weq_2011_api_7a_rec.doc

All interested parties, regardless of membership status within NAESB, are eligible to submit comments for consideration. The WEQ Executive Committee will review the recommendations and comments during the next scheduled meeting following the end of the comment period and consider the recommendations for vote. This meeting is open and we encourage those who submit comments to attend.

All comments received by the NAESB office by end of business on September 8, 2011will be posted on the Request and Standards Activity Applicable to the WEQ page: http://naesb.org/weq_request.asp and forwarded to the WEQ Executive Committee members for their consideration. If you have difficulty downloading the recommendation, please call the NAESB office at (713) 356-0060.

Best Regards,

James Culliton

cc: Rae McQuade, President

FORMAL COMMENTS

Quadrant:	Wholesale Electric Quadrant
Recommendation:	2011 WEQ Annual Plan Item 2(a)(iv)(1) - Paragraph 1390 of Order 890
Submitted By:	Standards Review Subcommittee
Date:	September 7, 2011

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."

The SRS reviewed the recommendation and determined that since no new Standards are proposed, there are no conflicts with the existing NAESB Business Practice Standards.

FORMAL COMMENTS (LATE)

Quadrant: Wholesale Electric Quadrant
Recommendations: 2011 AP Item 2.a.iv.1 – Paragraph 1390 of Order 890
Submitted By: WEQ OS Co-Chairs (JT Wood, Alan Pritchard, and Paul Sorenson) on behalf of the WEQ OS
Date: October 3, 2011

On behalf of the WEQ OASIS Subcommittee the co-chairs are providing the WEQ Executive Committee these late comments for consideration based on the subcommittee's review on September 27, 2011 of the formal comments submitted for 2011 AP Item 2.a.iv.1 – Paragraph 1390 of Order 890.

The submitted comments from the SRS did not contain any recommended changes. After reviewing the SRS comments the OS does not submit any comments for consideration based on these submitted comments.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **WEQ**
Requesters: **OASIS Subcommittee**
Request No.: **2011 WEQ Annaul Plan Item 2(a)(iv)(1)**
Request Title: **Paragraph 1390 of Order 890**

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

___Accept as requested
___Accept as modified below
_X_Decline
___Change to Existing Practice
_X_Status Quo

2. TYPE OF DEVELOPMENT/MAINTENANCE

Per Request:	**Per Recommendation:**
_X_ Initiation	___Initiation
___Modification	___Modification
___Interpretation	___Interpretation
___Withdrawal	_X_ Withdrawal
___Principle	___Principle
___Definition	___Definition
_X_ Business Practice Standard	_X_ Business Practice Standard
___Document	___Document
___Data Element	___Data Element
___Code Value	___Code Value
___X12 Implementation Guide	___X12 Implementation Guide
___Business Process Documentation	___Business Process Documentation

3. RECOMMENDATION

SUMMARY:

Paragraph 1390 of Order 890 – Terminations related to: deficient requests, customer failure to pay required annual reservation fee, and customer modifications to applications which are meaningfully different.

RECOMMENDED STANDARDS:

No new standards or changes to existing standards are proposed.

4. SUPPORTING DOCUMENTATION

a. Description of Request:

WEQ 2011 Annual Plan Item 2(a)(iv)(1) – "Paragraph 1390 of Order 890 – Terminations related to: deficient requests, customer failure to pay required annual reservation fee, and customer modifications to applications which are meaningfully different.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **WEQ**
Requesters: **OASIS Subcommittee**
Request No.: **2011 WEQ Annaul Plan Item 2(a)(iv)(1)**
Request Title: **Paragraph 1390 of Order 890**

Paragraph 1390 of FERC Order No. 890, issued February 16, 2007: We will not modify the pro forma OATT to address requests to allow the transmission provider to terminate idle transmission service requests. NAESB's business practice 001-4.11 allows the transmission provider to retract a request if the transmission customer does not respond to an acceptance within the time established in NAESB business practice standard 001-4.13. Therefore, we interpret TDU Systems comments to refer to circumstances when a transmission customer fails to respond to the transmission provider's request for additional information during the course of a request study. As discussed above, by the time the transmission provider offers a system impact study agreement, it should have all of the information that it needs to complete the study. Pursuant to section 17.4 of the pro forma OATT, the transmission provider can deem a transmission service request deficient if the transmission customer does not provide all of the information the transmission provider needs to evaluate the request for service. We will revise section 17.7 of the pro forma OATT so that the transmission provider is able to terminate a request for transmission service if a transmission customer that is extending the commencement of service does not pay the required annual reservation fee within 15 days of notifying the transmission provider that it would like to extend the commencement of service. We will not change the pro forma OATT to allow the transmission provider to terminate a transmission service request if the transmission customer changes its application for service. We believe the existing pro forma OATT is sufficient to allow a transmission provider to manage situations where the transmission customer modifies its application for service to the point that the customer is requesting transmission service that is meaningfully different than its initial request.

b. Description of Recommendation:

The WEQ OS is recommending that no further action be taken on WEQ 2011 Annual Plan Item 2(a)(iv)(1).

c. Business Purpose:

Paragraph 1390 of Order 890 – Terminations related to: deficient requests, customer failure to pay required annual reservation fee, and customer modifications to applications which are meaningfully different.

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

The WEQ OS discussed the FERC Order 890 Paragraph 1390 at the July 25-26, 2011 meeting.

During these discussions it was determine that the definition of the status DECLINED permits a Transmission provider to address termination as presented in paragraph 1390. Based on the WEQ OS review, the WEQ OS has determined that NAESB does not need to develop business practices.

Additional background information can be found at:

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant:	**WEQ**
Requesters:	**OASIS Subcommittee**
Request No.:	**2011 WEQ Annaul Plan Item 2(a)(iv)(1)**
Request Title:	**Paragraph 1390 of Order 890**

WEQ OS meeting minutes:

- July 25-26, 2011
- August 2-4, 2011

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **Wholesale Electric Quadrant**
Requesters: **WEQ OASIS Subcommittee**
Request No.: **2011 WEQ Annual Plan Item 7(a)**
Request Title: **Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E**

1. RECOMMENDED ACTION:

x	Accept as requested
	Accept as modified below
	Decline

EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:

x	Change to Existing Practice
	Status Quo

2. TYPE OF DEVELOPMENT/MAINTENANCE

Per Request:		**Per Recommendation:**	
	Initiation		Initiation
x	Modification	x	Modification
	Interpretation		Interpretation
	Withdrawal		Withdrawal
	Principle		Principle
	Definition		Definition
x	Business Practice Standard	x	Business Practice Standard
	Document		Document
	Data Element		Data Element
	Code Value		Code Value
	X12 Implementation Guide		X12 Implementation Guide
	Business Process Documentation		Business Process Documentation

3. RECOMMENDATION

SUMMARY:

The subcommittee recommends modifying Business Practice Standards to comply with FERC direction.

RECOMMENDED STANDARDS:

001-14.1.3 **Zero ATC Narrative Timing**

The Transmission Provider shall post a zero ATC narrative for each Constrained Posted Path within one (1) business day or as soon as feasibly possible, but not to exceed five (5) business days, of meeting the criteria specified in Business Practice Standards WEQ-001-14.1.1 or WEQ-001-14.1.2.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant:	**Wholesale Electric Quadrant**
Requesters:	**WEQ OASIS Subcommittee**
Request No.:	**2011 WEQ Annual Plan Item 7(a)**
Request Title:	**Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E**

001-15.1.2 ATC Change Narrative Timing

The Transmission Provider shall post an ATC change narrative within one (1) business day or as soon as feasibly possible, but not to exceed five (5) business days, of meeting the criteria identified in Business Practice Standard WEQ-001-15.1.1.

4. SUPPORTING DOCUMENTATION

a. Description of Request:

Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E (See ¶ 39[1])

b. Description of Recommendation:

c. Business Purpose:

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

Additional background information can be found at:

WEQ OS meeting minutes:

- July 25-26, 2011

[1] 39. In regards to Entergy's question of whether the transmission provider's calculated and posted available flowgate capability values should be used to fulfill the posting requirements set forth in Standard 001-14 and 001-15 in instances where there is no requirement to convert this calculation to available transfer capability values, we agree with Entergy that this requirement can be met by the transmission provider posting its available flowgate capability values. As to EPSA's argument that Standard 001-15 falls short of the goals of Order No. 890, we find that, with the exception of Standard 001-15.1.2, compliance with Standard 001-15 provides all of the information required by Order No. 890. However, Standards 001-14.1.3 and 001-15.1.2 permit transmission providers to post an available transfer capability change narrative within five business days of meeting the criteria under which a narrative is required to be posted. In Order No. 890, the Commission rejected calls for delays prior to posting data and required posting as soon as possible. We do not find the NAESB standard meets this criterion and therefore decline to incorporate Standards 001-14.1.3 and 001-15.1.2 by reference. Transmission providers must post their narratives as soon as feasibly possible. Posting within one day would appear in most cases to be reasonable.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant:	**Wholesale Electric Quadrant**
Requesters:	**WEQ OASIS Subcommittee**
Request No.:	**2011 WEQ Annual Plan Item 7(a)**
Request Title:	**Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E**

- August 2-4, 2011

FORMAL COMMENTS

Quadrant:	Wholesale Electric Quadrant
Recommendation:	2011 WEQ Annual Plan Item 7(a) - Review Standards 001-14.1.3 and 001-15.2 based on FERC Order No. 676-E
Submitted By:	Standards Review Subcommittee
Date:	September 7, 2011

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."

The SRS reviewed the recommendation and determined that the language of the changes suggested do not conflicts with the existing NAESB Business Practice Standards.

FORMAL COMMENTS

Quadrant:	Wholesale Electric Quadrant
Recommendation:	**Number:** 2011 AP Item 7.a **Title:** Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E
Submitted By:	IESO, ISO New England, MISO, PJM, and SPP
Date:	September 8, 2011

The proposed changes to WEQ 001-14.1.3 and 001-15.1.2 highlighted in red can produce unintended consequences. The Standard creates undue ambiguity by estasblishing a requirement that performance occur within one (1) business day **or as soon as feasibly possible**". Because there has been no work done to determine how to measure compliance with this type of open-ended wording, the performance standard to which entities would be subject is unduly vague. This can also create inconsistency with the manner in which enforcement authorities measure compliance with the Standard.

001-14.1.3 Zero ATC Narrative Timing

The Transmission Provider shall post a zero ATC narrative for each Constrained Posted Path within one (1) business day or as soon as feasibly possible, but not to exceed five (5) business days, of meeting the criteria specified in Business Practice Standards WEQ-001-14.1.1 or WEQ-001-14.1.2.

001-15.1.2 ATC Change Narrative Timing

The Transmission Provider shall post an ATC change narrative within one (1) business day or as soon as feasibly possible, but not to exceed five (5) business days, of meeting the criteria identified in Business Practice Standard WEQ-001-15.1.1.

Alternative language the Executive Committee may want to consider is listed below in redline format

001-14.1.3 Zero ATC Narrative Timing

The Transmission Provider shall post a zero ATC narrative for each Constrained Posted Path meeting the criteria specified in Business Practice Standards WEQ-001-14.1.1 or WEQ-001-14.1.2. The Transmission Provider shall strive to post the narrative within one (1) business day ~~or as soon as feasibly possible, but not to exceed~~ and must post the narrative within five (5) business days~~, of meeting the criteria specified in Business Practice Standards WEQ-001-14.1.1 or WEQ-001-14.1.2~~.

001-15.1.2 ATC Change Narrative Timing

The Transmission Provider shall post an ATC change narrative meeting the criteria identified in Business Practice Standard WEQ-001-15.1.1. The Transmission Provider shall strive to post the narrative within one (1) business day ~~or as soon as feasibly possible, but not to exceed~~ and must post the narrative within five (5) business days.~~, of meeting the criteria identified in Business Practice Standard WEQ-001-15.1.1.~~

FORMAL COMMENTS (LATE)

Quadrant:	Wholesale Electric Quadrant
Recommendations:	2011 AP Item 7.a – Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E
Submitted By:	WEQ OS Co-Chairs (JT Wood, Alan Pritchard, and Paul Sorenson) on behalf of the WEQ OS
Date:	October 3, 2011

On behalf of the WEQ OASIS Subcommittee the co-chairs are providing the WEQ Executive Committee these late comments for consideration based on the subcommittee's review on September 27, 2011 of the formal comments submitted for 2011 AP Item 7.a – Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E.

The submitted comments from the SRS did not contain any recommended changes. After reviewing the SRS comments the OS does not submit any comments for consideration based on these submitted comments.

The submitted comments from IESO, ISO New England, MISO, PJM, and SPP did contain recommended changes. After reviewing the proposed language submitted from this group the OS has no problem with the new language but since the subcommittee proposed the original language then the subcommittee sees no reason to change to the new proposed language.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **Wholesale Electric Quadrant**
Requesters: **WEQ OASIS Subcommittee**
Request No.: **2011 WEQ Annual Plan Item 7(a)**
Request Title: **Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E**

1. RECOMMENDED ACTION:

x	Accept as requested
	Accept as modified below
	Decline

EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:

x	Change to Existing Practice
	Status Quo

2. TYPE OF DEVELOPMENT/MAINTENANCE

Per Request:		**Per Recommendation:**	
	Initiation		Initiation
x	Modification	x	Modification
	Interpretation		Interpretation
	Withdrawal		Withdrawal
	Principle		Principle
	Definition		Definition
x	Business Practice Standard	x	Business Practice Standard
	Document		Document
	Data Element		Data Element
	Code Value		Code Value
	X12 Implementation Guide		X12 Implementation Guide
	Business Process Documentation		Business Process Documentation

3. RECOMMENDATION

SUMMARY:

The subcommittee recommends modifying Business Practice Standards to comply with FERC direction.

RECOMMENDED STANDARDS:

001-14.1.3 Zero ATC Narrative Timing

The Transmission Provider shall post a zero ATC narrative for each Constrained Posted Path within one (1) business day or as soon as feasibly possible, but not to exceed five (5) business days, of meeting the criteria specified in Business Practice Standards WEQ-001-14.1.1 or WEQ-001-14.1.2.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant:	**Wholesale Electric Quadrant**
Requesters:	**WEQ OASIS Subcommittee**
Request No.:	**2011 WEQ Annual Plan Item 7(a)**
Request Title:	**Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E**

001-15.1.2 ATC Change Narrative Timing

The Transmission Provider shall post an ATC change narrative within one (1) business day or as soon as feasibly possible, but not to exceed five (5) business days, of meeting the criteria identified in Business Practice Standard WEQ-001-15.1.1.

4. SUPPORTING DOCUMENTATION

a. Description of Request:

Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E (See ¶ 39[1])

b. Description of Recommendation:

c. Business Purpose:

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

Additional background information can be found at:

WEQ OS meeting minutes:

- July 25-26, 2011

[1] 39. In regards to Entergy's question of whether the transmission provider's calculated and posted available flowgate capability values should be used to fulfill the posting requirements set forth in Standard 001-14 and 001-15 in instances where there is no requirement to convert this calculation to available transfer capability values, we agree with Entergy that this requirement can be met by the transmission provider posting its available flowgate capability values. As to EPSA's argument that Standard 001-15 falls short of the goals of Order No. 890, we find that, with the exception of Standard 001-15.1.2, compliance with Standard 001-15 provides all of the information required by Order No. 890. However, Standards 001-14.1.3 and 001-15.1.2 permit transmission providers to post an available transfer capability change narrative within five business days of meeting the criteria under which a narrative is required to be posted. In Order No. 890, the Commission rejected calls for delays prior to posting data and required posting as soon as possible. We do not find the NAESB standard meets this criterion and therefore decline to incorporate Standards 001-14.1.3 and 001-15.1.2 by reference. Transmission providers must post their narratives as soon as feasibly possible. Posting within one day would appear in most cases to be reasonable.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant:	**Wholesale Electric Quadrant**
Requesters:	**WEQ OASIS Subcommittee**
Request No.:	**2011 WEQ Annual Plan Item 7(a)**
Request Title:	**Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E**

- August 2-4, 2011

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **WEQ**
Requesters: **OASIS Subcommittee**
Request No.: **2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005**
Request Title: **Make consistency changes to Version 2.2**

1. RECOMMENDED ACTION:

X	Accept as requested
	Accept as modified below
	Decline

EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:

X	Change to Existing Practice
	Status Quo

2. TYPE OF DEVELOPMENT/MAINTENANCE

Per Request:		**Per Recommendation:**	
X	Initiation	X	Initiation
X	Modification	X	Modification
	Interpretation		Interpretation
	Withdrawal		Withdrawal
X	Principle	X	Principle
X	Definition	X	Definition
X	Business Practice Standard	X	Business Practice Standard
X	Document	X	Document
X	Data Element	X	Data Element
X	Code Value	X	Code Value
	X12 Implementation Guide		X12 Implementation Guide
X	Business Process Documentation	X	Business Process Documentation

3. RECOMMENDATION

SUMMARY:

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) with the following exceptions:

Recommendation #	Description	Response
R08001	Section 2.5 (Ancillary Services Definitions and Other Services Definitions) should be moved to Definitions of Terms	Definitions of Terms does not include Data Element definitions. No change needed.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: WEQ
Requesters: OASIS Subcommittee
Request No.: 2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005
Request Title: Make consistency changes to Version 2.2

R08001	Section 2.6.1 and Section 2.6.2 should be moved to Definition of Terms. Section WEQ 001-2.6 should be marked as "Reserved."	These are no longer defined terms. No change needed.

RECOMMENDED STANDARDS:

Proposed Revisions to the OASIS (WEQ-001)

Open Access Same-Time Information Systems (OASIS), Business Practice Standards, Version 1.5

Introduction

These OASIS Business Practice Standards specify the general and specific transaction processing requirements and related business processes required for OASIS. In the event of a conflict between these Business Practices Standards and the Primary Provider's Tariff, the Tariff shall have precedence. A Primary Provider is not obligated to implement a particular requirement in an OASIS Business Practice Standard if the Primary Provider's Tariff does not contain the associated provision or the Primary Provider has received a waiver.

Applicability

Eligible Transmission Customer, ISO, Load Serving Entity (LSE), Network Customer, RTO, Reseller, Transmission Customer, Transmission Provider

Proposed Revisions to the OASIS (WEQ-002)

Open Access Same-Time Information Systems (OASIS) Business Practice Standards & Communication Protocols (S&CP), Version 1.5

Introduction

This OASIS S&CP establishes technical standards for OASIS. In the event of a conflict between these Business Practices Standards and the Primary Provider's Tariff, the Tariff shall have precedence. A Primary Provider is not obligated to implement a particular requirement in an OASIS S&CP Business Practice Standard if the Primary Provider's Tariff does not contain the associated provision or the Primary Provider has received a waiver.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: WEQ
Requesters: OASIS Subcommittee
Request No.: 2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005
Request Title: Make consistency changes to Version 2.2

Applicability

OASIS, OASIS Node, Seller, Transmission Customer, Transmission Provider, Transmission Service Information Provider (TSIP)

002-4.2.12 Linking of Ancillary Services to Transmission Services

Examples for the handling of ancillary service linkage to Transmission Service requests/reservations are presented in Business Practice Standard WEQ-013-x~~4.2~~.

002-4.4 FILE REQUEST AND FILE DOWNLOAD EXAMPLES

See the Business Practice Standard WEQ-013-x~~4.1~~.

Proposed Revisions to the OASIS (WEQ-003)

Open Access Same-Time Information Systems (OASIS) Data Dictionary, Version 1.5

Introduction

This OASIS Data Dictionary establishes Data Element specifications for OASIS. In the event of a conflict between these Business Practices Standards and the Primary Provider's Tariff, the Tariff shall have precedence. A Primary Provider is not obligated to implement a particular requirement in an OASIS Data Dictionary Business Practice Standard if the Primary Provider's Tariff does not contain the associated provision or the Primary Provider has received a waiver.

Applicability

Applies to all standards that use Data Elements as defined in the OASIS Data Dictionary.

Proposed Revisions to the OASIS (WEQ-013)

Open Access Same-Time Information Systems (OASIS) Implementation Guide, Version 1.5

Introduction

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: WEQ
Requesters: OASIS Subcommittee
Request No.: 2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005
Request Title: Make consistency changes to Version 2.2

This OASIS Implementation Guide establishes general and specific transaction processing requirements and related business processes required for OASIS. The technical standards for OASIS are defined in Business Practice Standards WEQ-002 and WEQ-003, and the companion Business Practice Standards are defined in Business Practice Standards WEQ-001.

In the event of a conflict between a Transmission Provider's tariff, applicable Business Practices, and this OASIS Implementation Guide, the tariff shall take precedence over all, and Business Practices shall take precedence over this document. A Transmission Provider is not obligated to implement a particular requirement in this OASIS Implementation Guide if the Transmission Provider's tariff does not contain the associated provision or the Transmission Provider has received a waiver.

This version of the OASIS Implementation Guide corresponds to the Business Practice Standard WEQ-002.

Applicability

Assignee, Eligible Transmission Customer, ISO, Network Customer, OASIS, OASIS Node, RTO, Reseller, Seller, Transmission Customer, Transmission Provider

013-3.8 ***reduction***

An example of the reduction template response is provided in Business Practice Standard WEQ-013-x~~4.1.8~~.

013-4 RESERVED~~**EXAMPLE IMPLEMENTATION**~~

013-4.1 RESERVED~~FILE REQUEST AND FILE DOWNLOAD EXAMPLES~~

~~The following Business Practice Standards WEQ-013-4.1.1 through WEQ-013-4.1.8 provide examples for the implementation of file request and download interactions that must be supported by OASIS. In these examples, the end-of-line (eol) character is represented by the character," ↵ ". This symbol may appear different on displays or printouts. Note that any leading or trailing spaces within each Data Record shown were inserted to facilitate word-wrapping of long records and must not appear in the actual formatted data files returned by OASIS unless they are contained within double quotes.~~

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **WEQ**
Requesters: **OASIS Subcommittee**
Request No.: **2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005**
Request Title: **Make consistency changes to Version 2.2**

013-4.1.1 RESERVED~~**File Example for Hourly Offering**~~

~~Example of the request to Transmission Provider, AAA for PATH_NAME "W/AAA/ABC//" for April 10, 2007, from 8 a.m. to 3 p.m. (Note that the PATH_NAME consists of a REGION_CODE, PRIMARY_PROVIDER_CODE, PATH_CODE, and an OPTIONAL_CODE, separated with a slash, "/".)~~

~~The version for this release is 1.5. The request is in the form of a URL query string and the response is an ASCII delimited file. There is also one offer posted by the Reseller "WXYZ" that has posted their weekly scheduling rights for Resale on an HOURLY basis.~~

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~~1. Query~~

~~http://(OASIS Node name)/OASIS/AAA/data/transoffering?ver=1.5&templ=transoffering& fmt=data&pprov=AAA&pprovduns=123456789& path=W/AAA/ABC//& servincre=hourly&TSCLASS1=firm &TSCLASS2=non-firm&tz=PD&stime=20070410080000PD &sptime=20070410150000PD~~

~~2. Response Data~~

~~REQUEST-STATUS=200↵ (*Successful*)~~
~~TIME_STAMP=20070409113526PD ↵~~
~~VERSION=1.5↵~~
~~TEMPLATE=transoffering↵~~
~~OUTPUT_FORMAT=DATA ↵~~

~~PRIMARY_PROVIDER_CODE=AAA↵~~
~~PRIMARY_PROVIDER_DUNS=123456789↵~~
~~DATA_ROWS=13↵~~
~~COLUMN_HEADERS=TIME_OF_LAST_UPDATE, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, OFFER_START_TIME, OFFER_STOP_TIME, START_TIME, STOP_TIME, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, SALE_REF, POSTING_REF, CEILING_PRICE, OFFER_PRICE, PRICE_UNITS, SERVICE_DESCRIPTION, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, SELLER_COMMENTS, OFFER_INCREMENT↵~~
~~20070406170000PD, WXYZ,543219876, W/AAA/AAA-ABC//, AAA, ABC, E,,, 20070410000000PD, 20070411000000PD,15, WEEKLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5673,1.5,1.43, $/MW-H,,4,, WXYZ Marketer, 888-789-4321,,, Reselling WEEKLY priority rights, HOURLY↵~~
~~20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC, E, 20070402080000PD, 20070410080000PD, 20070410080000PD, 20070410090000PD,50, HOURLY, FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5675,1.5,1.35, $/MW-H,,7,, AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC, E, 20070402080000PD, 20070410080000PD, 20070410080000PD, 20070410090000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,~~

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~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5676,1.5,1.35, $/MW-H,,2,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410090000PD,~~
~~20070410100000PD,50, HOURLY, FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5682,1.5,1.35, $/MW-H,,7,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410090000PD,~~
~~20070410100000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5688,1.5,1.35, $/MW-H,,2,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410100000PD,~~
~~20070410110000PD,0, HOURLY, FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5689,1.5,1.35, $/MW-H,,7,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410100000PD,~~
~~20070410110000PD,275, HOURLY, NON-FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5693,1.5,1.35, $/MW-H,,2,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410110000PD,~~
~~20070410130000PD,0, HOURLY, FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5694,1.5,1.35, $/MW-H,,7,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410110000PD,~~
~~20070410130000PD,150, HOURLY, NON-FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5699,1.5,1.35, $/MW-H,,2,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410130000PD,~~
~~20070410140000PD,25, HOURLY, FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5702,1.5,1.35, $/MW-H,,7,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410130000PD,~~
~~20070410140000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5703,1.5,1.35, $/MW-H,,2,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410140000PD,~~
~~20070410150000PD,25, HOURLY, FIRM, POINT_TO_POINT,~~

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~~FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5706,1.5,1.35, $/MW-H,,7,, AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC, E, 20070402080000PD, 20070410080000PD, 20070410140000PD, 20070410150000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5707,1.5,1.35, $/MW-H,,2,, AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵~~

013-4.1.2 RESERVED~~**File Example for Hourly Schedule Data**~~

~~This example shows a request for the hourly schedule data from Transmission Provider, AAA, related to the Seller, WXYZ, for the period 10 a.m. to 3 p.m. on April 10, 2007.~~

~~There are two identical requests examples using two slightly different methods. The first request is using a HTTP URL request string through an HTML GET method. The second request is a similar example using FETCH_HTTP from a file using a POST method.~~

1. ~~**Query**~~

~~URL Request (HTTP method=GET)~~
~~http://(OASIS Node name)/OASIS/AAA/data/scheduledetail? ver=1.5& pprov=AAA& templ=scheduledetail& fmt=data &pprovduns=123456789 &path=W/AAA/ABC//& seller=WXYZ &por=BBB &pod=CCC& tz=PD& stime=20070410100000PD & sptime=20070410150000PD~~

~~URL Request (HTTP method=POST)~~
~~$ fetch_http http://(OASIS Node name)/OASIS/aaaa/data/OASISdata -f *c:/OASIS/wxyz/upload/infile. txt* Where *in-file.txt* contains the following: ver=1.5& pprov=AAA& templ=scheduledetail& fmt=data &pprovduns=123456789 &path=W/AAA/ABC//& seller=WXYZ &por=BBB &pod=CCC& tz=PD& stime=20070410100000PD & sptime=20070410150000PD~~

2. ~~**Response Data**~~

~~REQUEST_STATUS=200.↵~~
~~ERROR_MESSAGE=No error. ↵~~
~~TIME_STAMP=20070410160523ES ↵~~
~~VERSION=1.5.↵~~
~~TEMPLATE=scheduledetail.↵~~
~~OUTPUT_FORMAT=DATA.↵~~

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~~PRIMARY_PROVIDER_CODE=AAA↵~~
~~PRIMARY_PROVIDER_DUNS=123456789↵~~
~~RETURN_TZ=PD↵~~
~~DATA_ROWS=3↵~~
~~COLUMN_HEADERS=CONTINUATION_FLAG,~~
~~TIME_OF_LAST_UPDATE, SCHEDULE_REF, TRANSACTION_ID,~~
~~TRANSACTION_TYPE, TPSE_CODE, PATH_NAME,~~
~~POINT_OF_RECEIPT, POINT_OF_DELIVERY, GCA_CODE,~~
~~LCA_CODE, SOURCE, SINK, SCHEDULE_PRIORITY, START_TIME,~~
~~STOP_TIME, SCHEDULE_REQUESTED, SCHEDULE_GRANTED,~~
~~ASSIGNMENT_REF, SELLER_CODE, SELLER_DUNS,~~
~~CUSTOMER_CODE, CUSTOMER_DUNS, AFFILIATE_FLAG,~~
~~SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD,~~
~~TS_WINDOW, TS_SUBCLASS, NERC_CURTAILMENT_PRIORITY,~~
~~OTHER_CURTAILMENT_PRIORITY, CAPACITY_USED,~~
~~PROVIDER_ACTION, SCHEDULE_LIMIT, CURTAILMENT_OPTIONS,~~
~~SECURITY_REF, INITIATING_PARTY, RESPONSIBLE_PARTY,~~
~~PROCEDURE_NAME, PROCEDURE_LEVEL, FACILITY_LOCATION,~~
~~FACILITY_NAME, FACILITY_CLASS,~~
~~FACILITY_LIMIT_TYPE,ANNOTATION↵~~
~~N, 20070409030000PD,12345, BBB_MKTATAGCODE_CCC,~~
~~NORMAL, MKTA, W/AAA/ABC//, BBB, CCC,~~
~~BBB,CCC,GENX,LOADY,2-NH, 20070410100000PD,~~
~~20070410110000PD,280,280,856743, WXYZ,987654321,~~
~~MKTA,987654322, N, HOURLY, NON_FIRM, POINT_TO_POINT,~~
~~ON_PEAK, FIXED,,2, ,300,,,,,,,,,,,,↵~~
~~N, 20070409030000PD,12346, BBB_MKTATAGCODE_CCC,~~
~~NORMAL, MKTA, W/AAA/ABC//, BBB, CCC,~~
~~BBB,CCC,GENX,LOADY,2-NH, 20070410110000PD,~~
~~20070410140000PD,295,295,856743, WXYZ,987654321,~~
~~MKTA,987654322, N, HOURLY, NON_FIRM, POINT_TO_POINT,~~
~~ON_PEAK, FIXED,,2, ,300,,,,,,,,,,,,↵~~
~~N, 20070409030000PD,12347, BBB_MKTATAGCODE_CCC,~~
~~DYNAMIC, MKTA, W/AAA/ABC//, BBB, CCC,~~
~~BBB,CCC,GENX,LOADY,2-NH, 20070410140000PD,~~
~~20070410150000PD,300,300,856743, WXYZ,987654321,~~
~~MKTA,987654322, N, HOURLY, NON_FIRM, POINT_TO_POINT,~~
~~ON_PEAK, FIXED,,2, ,300,,,,,,,,,,,,↵~~

013-4.1.3 RESERVED~~**Transmission Customer Posting a Transmission Service Offering**~~

~~This example shows how a Transmission Customer would post for sale the Transmission Service that was purchased previously. The Seller would create~~

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a file and upload the file using the FETCH_HTTP program to send a file to the OASIS Node of the Transmission Provider. This example shows the posting of MONTHLY service offered for Resale on a DAILY increment basis.

1. **Input:**

FETCH_HTTP Command to send posting:
$ fetch_http http:///(OASIS Node name)/OASIS/abcd/data/transrequest -f c:/OASIS/abcd/upload/*post.txt*

Where the file *post.txt* contains:

VERSION=1.5↵
TEMPLATE=transpost↵
OUTPUT_FORMAT=DATA ↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
DATA_ROWS=1↵
COLUMN_HEADERS=PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, START_TIME, STOP_TIME, OFFER_START_TIME, OFFER_STOP_TIME, SALE_REF, OFFER_PRICE, SERVICE_DESCRIPTION, SELLER_COMMENTS, OFFER_INCREMENT
W/AAA/ABC-DEF//,,, E,150, MONTHLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,, 200070410000000PD, 20070414000000PD, 20070402080000PD, 20070410070000PD, A123,0.9,,"As Joe said, ""It is a good buy""", DAILY↵

2. **Response Data**

REQUEST-STATUS=200 ↵ (*Successful*)
TIME_STAMP=20070409113526PD ↵
VERSION=1.5↵
TEMPLATE=transpost↵
OUTPUT_FORMAT=DATA ↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
DATA_ROWS=1↵
COLUMN_HEADERS=RECORD_STATUS, POSTING_REF, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, START_TIME, STOP_TIME, OFFER_START_TIME,

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~~OFFER_STOP_TIME, SALE_REF, OFFER_PRICE, SERVICE_DESCRIPTION, SELLER_COMMENTS, OFFER_INCREMENT, ERROR_MESSAGE.↵~~
~~200,7453255, W/AAA/ABC-DEF//,,, E,150, MONTHLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,, 200070410000000PD, 20070414000000PD, 20070402080000PD, 20070410070000PD, A123,0.9,," As Joe said, ""It is a good buy""", DAILY, No Error.↵~~

013-4.1.4 RESERVED~~**Example of Aggregating Purchased Services for Resale using Reassignment**~~

~~The following examples do not show the complete template information, but only show the values assigned to those Data Elements in the template that are important to the example.~~

~~a. Transmission Customer #1, "BestE" requests the purchase of 20 MW DAILY FIRM PTP for May 7th and 8th for $1.00/MWday from Transmission Provider AAA (***transrequest***).~~

~~TEMPLATE=transrequest~~
~~CUSTOMER_CODE=BestE (Implied by the registered entity submitting the template)~~
~~SELLER_CODE=AAA~~
~~PATH_NAME=W/AAA/AAA-ABC//~~
~~SERVICE_INCREMENT=DAILY~~
~~TS_CLASS=FIRM~~
~~START_TIME=20070507000000000PD~~
~~STOP_TIME=20070509000000PD~~
~~CAPACITY_REQUESTED=20~~
~~BID_PRICE=1.00~~
~~REQUEST_TYPE=ORIGINAL~~

~~The OASIS assigns ASSIGNMENT_REF = 5000 on acknowledgment.~~

~~b. Transmission Customer #1 purchases an additional 70 MW of DAILY FIRM PTP on the same path for May 8th for $1.05/MWday (***transrequest***).~~
~~TEMPLATE=transrequest~~
~~CUSTOMER_CODE=BestE (Implied by the registered entity submitting the template)~~
~~SELLER_CODE=AAA~~
~~PATH_NAME=W/AAA/AAA-ABC//~~
~~SERVICE_INCREMENT=DAILY~~
~~TS_CLASS=FIRM~~
~~START_TIME=20070508000000000PD~~

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~~STOP_TIME=20070509000000PD~~
~~CAPACITY_REQUESTED=70~~
~~BID_PRICE=1.05~~
~~REQUEST_TYPE=ORIGINAL~~
~~The OASIS assigns the ASSIGNMENT_REF=5001 when the request for purchase is made and is shown in the acknowledgment.~~

~~c. Transmission Customer #1 becomes Reseller #1 and posts an offer of Transmission Service of 50 MW of their DAILY FIRM PTP rights purchased above for Resale on an Hourly basis on May 8th from 7 a.m. to 11 p.m. at $.90/MW-hour.~~

~~TEMPLATE=transpost~~
~~SELLER_CODE=BestE (Implied by the registered entity submitting the template)~~
~~PATH_NAME=W/AAA/AAA-ABC//CAPACITY=50~~
~~SERVICE_INCREMENT=DAILY~~
~~TS_CLASS=FIRM~~
~~START_TIME=20070508070000PD~~
~~STOP_TIME=20070508230000PD~~
~~OFFER_INCREMENT=HOURLY~~
~~SALE_REF=BEST 50~~
~~OFFER_PRICE=.90~~
~~SELLER_COMMENTS=aggregating two previous purchases~~

~~d. Transmission Customer #2 "Whlsle" then requests purchase of 35 MW firm from Reseller #1 from 8 a.m. to 5 p.m. for $0.90/MW-hour (***transrequest***).~~

~~TEMPLATE=transrequest~~
~~CUSTOMER_CODE=Whlsle~~
~~SELLER_CODE=BestE (Implied by the registered entity submitting the template)~~
~~PATH_NAME=W/AAA/AAA-ABC//~~
~~TS_CLASS=FIRM~~
~~START_TIME=20070508080000PD~~
~~STOP_TIME=20070508170000PD~~
~~CAPACITY_REQUESTED=35~~
~~BID_PRICE=0.90~~
~~CUSTOMER_COMMENTS=Only need service until 5 p.m.~~
~~REQUEST_TYPE=RESALE~~

~~The OASIS provides the ASSIGNMENT_REF=5002 for this transaction.~~

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e. Seller (Reseller #1) informs the Transmission Provider of the reassignment of the previous Transmission Service rights when the Seller accepts the Transmission Customer purchase request (***transsell***).

TEMPLATE=transsell
SELLER_CODE=BestE (Implied by the registered entity submitting the template)
ASSIGNMENT_REF=5033
START_TIME=20070508080000PD
STOP_TIME=20070508170000PD
CAPACITY_GRANTED=35
OFFER_PRICE=0.90
STATUS=ACCEPTED
REASSIGNED_REF1=5000
REASSIGNED_CAPACITY1=20
REASSIGNED_START_TIME1=20070508080000PD
REASSIGNED_STOP_TIME1=20070508170000PD
REASSIGNED_REF2=5006
REASSIGNED_CAPACITY2=15
REASSIGNED_START_TIME2=20070508080000PD
REASSIGNED_STOP_TIME2=20070508170000PD

Resale Business Practice Standards WEQ-011-11 and WGQ-013-2.6.7 govern what services may be aggregated and offered for Resale. The sum of all REASSIGNED_CAPACITY over time must be sufficient to satisfy the capacity granted in CAPACITY_GRANTED over the interval of START_TIME to STOP_TIME.

013-4.1.5 RESERVED**File Examples of the Use of Continuation Records**

a. Basic Continuation Records

The first example of the use of Continuation Records is for the ***transrequest*** template submitted by a Transmission Customer, "MOP" for purchase of a Transmission Service reservation spanning 16 hours from 06:00 to 22:00 with "ramped" demand at beginning and end of time period. Two additional reservation requests are also submitted in this request prior to and following the profile to demonstrate the handling of ASSIGNMENT_REF by the OASIS Node. The last request is for a purchase from a Reseller, "EFG".

The OASIS S&CP identifies which Data Elements may appear in continuation records. For profiled request of capacity, the Data Elements START_TIME, STOP_TIME, CAPACITY_REQUESTED, and BID_PRICE

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~~are repeated in continuation records to define each segment of the profiled requests. Specification of any values corresponding to COLUMN_HEADERs that are not specified as being allowed in continuation records will be ignored, however commas must be included to properly align the Data Elements associated with each continuation record.~~

~~**Input:**~~

~~VERSION=1.5↵
TEMPLATE=transrequest↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=7↵
COLUMN_HEADERS=CONTINUATION_FLAG, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK,CAPACITY_REQUESTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, STATUS_NOTIFICATION, START_TIME, STOP_TIME, BID_PRICE, PRECONFIRMED, ANC_SVC_LINK, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, CUSTOMER_COMMENTS,REQUEST_TYPE,RELATED_REF, ROLLOVER_WAIVED↵
N, AAA,123456789, X/AEF/CEF-ECS//, CEF, ECS,,,35, DAILY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,, /AAA/incoming?ref=R765, 20070423000000ES, 20070424000000ES,24.5, NO,,,, R765, D123, Standard daily reservation, ORIGINAL,, ↵
N, AAA,123456789,, AEF, MPO,,,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, /AAA/incoming?ref=R766, 20070423060000ES, 20070423070000ES,2.5, YES,,,, R766, D123, First piece of profile spanning 5 records, ORIGINAL,, ↵
Y,,,,,,,,10,,,,,,,, 20070423070000ES, 20070423080000ES,2.5,,,,,,,,, ↵
Y,,,,,,,,15,,,,,,,, 20070423080000ES, 20070423200000ES,2.5,,,,,,,,, ↵
Y,,,,,,,,10,,,,,,,, 20070423200000ES, 20070423210000ES,2.5,,,,,,,,, ↵
Y,,,,,,,,5,,,,,,,, 20070423210000ES, 20070423220000ES,2.5,,,,,,,,, ↵
N, EFG,678912345, X/AEF/CEF-ECS//, CEF, ECS,,,20,DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,, /AAA/incoming?ref=R767, 20070423040000ES, 20070423160000ES,2, YES,,,, R767, D123, Resale hourly reservation after profiled reservation, RESALE,, ↵~~

~~**Response:**~~

~~REQUEST_STATUS=200↵~~

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~~ERROR_MESSAGE=Success.↵~~
~~TIME_STAMP=20070422160523ES.↵~~
~~VERSION=1.5.↵~~
~~TEMPLATE=transrequest.↵~~
~~OUTPUT_FORMAT=DATA.↵~~
~~PRIMARY_PROVIDER_CODE=AAA.↵~~
~~PRIMARY_PROVIDER_DUNS=123456789.↵~~
~~RETURN_TZ=ES.↵~~
~~DATA_ROWS=7.↵~~
~~COLUMN_HEADERS=RECORD_STATUS, CONTINUATION_FLAG, ASSIGNMENT_REF, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, STATUS_NOTIFICATION, START_TIME, STOP_TIME, BID_PRICE, PRECONFIRMED, ANC_SVC_LINK, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, CUSTOMER_COMMENTS, REQUEST_TYPE, RELATED_REF, ROLLOVER_WAIVED, ERROR_MESSAGE.↵~~
~~200,N,23879032, AAA,123456789, X/AEF/CEF-ECS//, CEF, ECS,,,35, DAILY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,, /AAA/incoming?ref=R765, 20070423000000ES, 20070424000000ES,24.5, NO,,,, R765, D123, Standard daily reservation, ORIGINAL, ,, No Error.↵~~
~~200,N,23879037, AAA,123456789,, AEF, MPO,,,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, /AAA/incoming?ref=R766, 20070423060000ES, 20070423070000ES,2.5, YES,,,, R766, D123, First piece of profile spanning 5 records, ORIGINAL, ,, No Error.↵~~
~~200,Y,23879037,,,,,,,,10,,,,,,, 20070423070000ES, 20070423080000ES,2.5,,,,,,,,, ,, No Error.↵~~
~~200,Y,23879037,,,,,,,,15,,,,,,, 20070423080000ES, 20070423200000ES,2.5,,,,,,,,, ,, No Error.↵~~
~~200,Y,23879037,,,,,,,,10,,,,,,, 20070423200000ES, 20070423210000ES,2.5,,,,,,,,, ,, No Error.↵~~
~~200,Y,23879037,,,,,,,,5,,,,,,,, 20070423210000ES, 20070423220000ES,2.5,,,,,,,,,, No Error.↵~~
~~200,N,23879040, EFG,678912345, X/AEF/CEF-ECS//, CEF, ECS,,,20,DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,, /AAA/incoming?ref=R767, 20070423040000ES, 20070423160000ES,2, YES,,,, R767, D123, Resale hourly reservation after profiled reservation, RESALE, ,, No Error.↵~~

~~b. Submission of Reassignment Information - Case 1:~~

~~In the prior example (last Data Record in ***transrequest***) a Resale reservation request was submitted to the Reseller "EFG" by the~~

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~~Transmission Customer for 20MW of DAILY FIRM PTP scheduling rights from 04:00 to 16:00. Assume that the Reseller has previously reserved service for the CEF-ECS path for DAILY FIRM PTP in amount of 50 MW on 4/23 under ASSIGNMENT_REF=23877019, and another 10 MW on April 23, 2007, under ASSIGNMENT_REF=23877880. Reseller must designate which Transmission Service rights are to be reassigned to Transmission Customer to satisfy the 20MW from 04:00 to 16:00. This reassignment information is conveyed by Reseller using the ***transsell*** template when the reservation request is accepted. At the Seller's discretion, rights are assigned for the first four hours of the Resale from the first reservation (ASSIGNMENT_REF=23877019). The balance of the Resale is supported by 10 MWs from the second reservation first (ASSIGNMENT_REF=23877880) with the balance taken up by the first reservation (ASSIGNMENT_REF=23877019). This split of reassignment information is conveyed in "continuation" records via the ***transsell*** template Data Elements REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME, and REASSIGNED_STOP_TIME.~~

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~~**Input:**~~

~~VERSION=1.5↵~~
~~TEMPLATE=transsell↵~~
~~OUTPUT_FORMAT=DATA↵~~
~~PRIMARY_PROVIDER_CODE=AAA↵~~
~~PRIMARY_PROVIDER_DUNS=123456789↵~~
~~RETURN_TZ=ES↵~~
~~DATA_ROWS=3↵~~
~~COLUMN_HEADERS=CONTINUATION_FLAG, ASSIGNMENT_REF, START_TIME, STOP_TIME, OFFER_PRICE, CAPACITY_GRANTED, STATUS, STATUS_COMMENTS, ANC_SVC_LINK, ANC_SVC_REQ, COMPETING_REQUEST_FLAG, NEGOTIATED_PRICE_FLAG, SELLER_REF, SELLER_COMMENTS, RESPONSE_TIME_LIMIT, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME~~
~~N,23879040, 20070423040000ES, 20070423160000ES,2,20, ACCEPTED, Status comments here, , , N, , S78234, Seller comments here, 20070421153720ES,23877019,20, 20070423040000ES, 20070423080000ES ↵~~
~~Y,23879040,,,,,,,,,,,,23877880,10, 20070423080000ES, 20070423160000ES ↵~~
~~Y,23879040,,,,,,,,,,,,23877019,10, 20070423080000ES, 20070423160000ES ↵~~

~~**Response:**~~

~~REQUEST_STATUS=200↵~~
~~ERROR_MESSAGE=Successfully updated. ↵~~
~~TIME_STAMP=20070422160523ES ↵~~
~~VERSION=1.5↵~~
~~TEMPLATE=transsell↵~~
~~OUTPUT_FORMAT=DATA↵~~
~~PRIMARY_PROVIDER_CODE=AAA↵~~
~~PRIMARY_PROVIDER_DUNS=123456789↵~~
~~RETURN_TZ=ES↵~~
~~DATA_ROWS=3↵~~
~~COLUMN_HEADERS=RECORD_STATUS, CONTINUATION_FLAG, ASSIGNMENT_REF, START_TIME, STOP_TIME, OFFER_PRICE,CAPACITY_GRANTED, STATUS, STATUS_COMMENTS, ANC_SVC_LINK, ANC_SVC_REQ, COMPETING_REQUEST_FLAG, NEGOTIATED_PRICE_FLAG, SELLER_REF, SELLER_COMMENTS, RESPONSE_TIME_LIMIT, REASSIGNED_REF,~~

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REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME , ERROR_MESSAGE↵
200,N,23879040, 20070423040000ES, 20070423160000ES,2,20, ACCEPTED, Status comments here, , , N, , S78234, Seller comments here, 20070421153720ES,23877019,20, 20070423040000ES, 20070423080000ES, No Error.↵
200,Y,23879040,,,,,,,,,,,,23877880,10, 20070423080000ES, 20070423160000ES, No Error.↵
200,Y,23879040,,,,,,,,,,,,23877019,10, 20070423080000ES, 20070423160000ES, No Error.↵

c. Submission of Reassignment Information - Case 2:

If the Resale transaction from the previous example were conducted off-OASIS, the Seller, "EFG", would use the ***transassign*** template to post the transaction to OASIS.

Input:
VERSION=1.5↵
TEMPLATE=transassign.↵
OUTPUT_FORMAT=DATA.↵
PRIMARY_PROVIDER_CODE=AAA.↵
PRIMARY_PROVIDER_DUNS=123456789.↵
RETURN_TZ=ES.↵
DATA_ROWS=3.↵
COLUMN_HEADERS=CONTINUATION_FLAG, CUSTOMER_CODE, CUSTOMER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED, CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, START_TIME, STOP_TIME, OFFER_PRICE, ANC_SVC_LINK, POSTING_NAME, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME , SELLER_COMMENTS, SELLER_REF, REQUEST_TYPE, RELATED_REF↵
N, MOP,562791881, X/AEF/CEF-ECS//, CEF, ECS,,,20,20, DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,, 20070423040000ES, 20070423160000ES,2,, John Doe,23877019,20, 20070423040000ES, 20070423080000ES, Seller comments here, S78234, RESALE, ↵
Y,,,,,,,,,,,,,,,,,,,,23877880,10, 20070423080000ES, 20070423160000ES,, ,, ↵
Y,,,,,,,,,,,,,,,,,,,,23877019,10, 20070423080000ES, 20070423160000ES,, ,↵

Response:

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~~REQUEST_STATUS=200.↵~~
~~ERROR_MESSAGE=Successfully updated. ↵~~
~~TIME_STAMP=20070422160523ES.↵~~
~~VERSION=1.5.↵~~
~~TEMPLATE=transassign.↵~~
~~OUTPUT_FORMAT=DATA.↵~~
~~PRIMARY_PROVIDER_CODE=AAA.↵~~
~~PRIMARY_PROVIDER_DUNS=123456789.↵~~
~~RETURN_TZ=ES.↵~~
~~DATA_ROWS=3.↵~~
~~COLUMN_HEADERS=RECORD_STATUS,~~
~~CONTINUATION_FLAG,ASSIGNMENT_REF, CUSTOMER_CODE,~~
~~CUSTOMER_DUNS, PATH_NAME, POINT_OF_RECEIPT,~~
~~POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED,~~
~~CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE,~~
~~TS_PERIOD, TS_WINDOW, TS_SUBCLASS, START_TIME, STOP_TIME,~~
~~OFFER_PRICE, ANC_SVC_LINK, POSTING_NAME, REASSIGNED_REF,~~
~~REASSIGNED_CAPACITY, REASSIGNED_START_TIME ,~~
~~REASSIGNED_STOP_TIME , SELLER_COMMENTS, SELLER_REF,~~
~~REQUEST_TYPE, RELATED_REF,ERROR_MESSAGE.↵~~
~~200,N,3377280, MOP,562791881, X/AEF/CEF-ECS//, CEF, ECS,,,20,20,~~
~~DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,,~~
~~20070423040000ES, 20070423160000ES,2,, John Doe,23877019,20,~~
~~20070423040000ES, 20070423080000ES, Seller comments here, S78234,~~
~~RESALE,,No Error.↵~~
~~200,Y,3377280,,,,,,,,,,,,,,,,,,,,23877880,10, 20070423080000ES,~~
~~20070423160000ES,, ,,,No Error.↵~~
~~200,Y,3377280,,,,,,,,,,,,,,,,,,,,23877019,10, 20070423080000ES,~~
~~20070423160000ES,, ,,,No Error.↵~~

~~d. Query of Transmission Service Reservation Status:~~

~~The following is a hypothetical response to a ***transstatus*** query that might be delivered for reservations starting on April 23, 2007.~~

~~Input:~~

~~<appropriate query name/value pairs to return reservations for April 23, 2007>~~

~~Response:~~

~~REQUEST_STATUS=200.↵~~
~~ERROR_MESSAGE=No error. ↵~~

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~~TIME_STAMP=20000423160523ES.~~
~~VERSION=1.5.~~
~~TEMPLATE=transstatus.~~
~~OUTPUT_FORMAT=DATA.~~
~~PRIMARY_PROVIDER_CODE=AAA.~~
~~PRIMARY_PROVIDER_DUNS=123456789.~~
~~RETURN_TZ=ES.~~
~~DATA_ROWS=10.~~
~~COLUMN_HEADERS=CONTINUATION_FLAG, ASSIGNMENT_REF, SELLER_CODE, SELLER_DUNS, CUSTOMER_CODE, CUSTOMER_DUNS, AFFILIATE_FLAG, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK,CAPACITY_REQUESTED,CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD,TS_WINDOW, TS_SUBCLASS, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, START_TIME, STOP_TIME, CEILING_PRICE, OFFER_PRICE, BID_PRICE, PRICE_UNITS, PRECONFIRMED, ANC_SVC_LINK, ANC_SVC_REQ, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, IMPACTED, COMPETING_REQUEST_FLAG, REQUEST_TYPE, RELATED_REF, NEGOTIATED_PRICE_FLAG, STATUS, STATUS_NOTIFICATION, STATUS_COMMENTS, TIME_QUEUED, RESPONSE_TIME_LIMIT, TIME_OF_LAST_UPDATE, PRIMARY_PROVIDER_COMMENTS, SELLER_REF, SELLER_COMMENTS, CUSTOMER_COMMENTS, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, CUSTOMER_NAME, CUSTOMER_PHONE, CUSTOMER_FAX, CUSTOMER_EMAIL, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME, PRIMARY_PROVIDER_APPROVAL, PRIMARY_PROVIDER_PROVISIONS, ROLLOVER_WAIVED~~
~~N,8207, RSELLR,234567890, ACSTMR,987654321, N, , CE, VP, ,,10,10, HOURLY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,,7,, 20070423000000ES, 20070423060000ES,,2,2, $/MW-Hour, NO, SC:(AEP:AR:121);RV:(AEP:AR:122);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, , S1235, , ,0,, RESALE,, L, CONFIRMED,, , 20070422121354ES,, 20070422123054ES, Transmission Provider Comments go here,, Seller comments go here, Transmission Customer comments go here, Joe Smith, (777)-312-7456, (777)-312-7450, jsmith@xyz.com, John Dealer, (534)-223-4567,,,7019,10, 20070423000000ES, 20070423060000ES,,, ~~
~~Y,8207,,,,,,,,,,10,10,,,,,,,, 20070423220070ES, 20070424000000ES,,2,2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,7019,10, 20070423220070ES, 20070424000000ES,,, ~~

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~~N,8234, AAA,123456789, CUSTMR,345678912, N, , CE, MECS, ,,35,35, DAILY, FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,7,, 20070423000000ES, 20070424000000ES,42,24.5,24.5, $/MW-Day, NO, SC:(AEP:AR:123);RV:(AEP:AR:124);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,, L, CONFIRMED, pub/AAA/incoming,, 20070422131354ES, 20070422173354ES, 20070422133354ES, Standard daily reservation,, System Operator, Transmission Customer comments go here, Frank Orth, (999)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,,, ↵~~
~~N,8235, AAA,123456789, CUSTMR,345678912, N, , CE, AMPO, ,,5,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,2,, 20070423060000ES, 20070423070000ES,2,2,2, $/MW-Hour, NO, SC:(AEP:AR:125);RV:(AEP:AR:126);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,,, CONFIRMED, pub/AAA/incoming,, 20070422160523ES, 20070422171203ES, 20070422170523ES, Profile verified,, First piece, Transmission Customer comments go here, System Operator, (888)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,,, ↵~~
~~Y,8235,,,,,,,,,,,10,10,,,,,,,,, 20070423070000ES, 20070423080000ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~Y,8235,,,,,,,,,,,15,15,,,,,,,,, 20070423080000ES, 20070423200700ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~Y,8235,,,,,,,,,,,10,10,,,,,,,,, 20070423200700ES, 20070423210000ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~Y,8235,,,,,,,,,,,5,5,,,,,,,,, 20070423210000ES, 20070423220070ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~N,8242, AAA,123456789, CUSTMR,345678912, N, , CE, VP, ,,20,20,WEEKLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,4,, 20070423000000ES, 20070430000000ES,123,123,123,$/MW-Week, NO, SC:(AEP:AR:127);RV:(AEP:AR:128);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,,, CONFIRMED, pub/AAA/incoming,, 20070422160723ES, 20070422223024ES, 20070422171523ES, Bid price refused,, Negotiated OFFER_PRICE accepted,, Joe Smith, (888)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,,, ↵~~
~~Y,8242,,,,,,,,,,,18,18,,,,,,,,, 20070430000000ES, 20070507000000ES,123,123,123,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~

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013-4.1.6 RESERVED~~**Examples of Negotiation of Price and Partial Service Offer**~~

013-4.1.6.1 RESERVED~~Negotiation with Preconfirmation~~

~~a. The Transmission Customer submits a preconfirmed Transmission Service request using the ***transrequest*** template. Initially, the STATUS is set to QUEUED by the OASIS Node.~~

~~b. The Seller has the option of setting STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, COUNTEROFFER, ACCEPTED, DECLINED, or REFUSED.~~

~~c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service.~~

~~d. If the Seller sets STATUS to ACCEPTED (and, as required by Business Practice Standard WEQ-013-2.2, the OASIS Node forces the Seller to set OFFER_PRICE equal to BID_PRICE as a condition to setting STATUS to ACCEPTED) and CAPACITY_GRANTED is equal to CAPACITY_REQUESTED, the OASIS Node will immediately set STATUS to CONFIRMED. (Business Practice Standard WEQ-013-2.2 requires the OASIS Node to set a null CAPACITY_GRANTED equal to CAPACITY_REQUESTED when STATUS is set to ACCEPTED.)~~

~~e. The Transmission Customer may withdraw request via ***transcust*** template at any time up to point where the Seller sets STATUS to ACCEPTED.~~

~~f. Once the STATUS is CONFIRMED, the OFFER_PRICE and CAPACITY_GRANTED officially becomes the terms of the reservation.~~

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013-4.1.6.2 ~~RESERVED~~~~Negotiations without Preconfirmation~~

~~a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.~~

~~b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID (due to invalid entries in the request), DECLINED (due to the Seller determining that the proposed price is not acceptable and further negotiations are not desired), or REFUSED (due to the unavailability of the requested service), the Transmission Service reservation request is terminated.~~

~~c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service.~~

~~d. If the Seller set the STATUS to RECEIVED or STUDY, and determines that the BID_PRICE is too low, the Seller sets the OFFER_PRICE to the price desired, and sets the STATUS to COUNTEROFFER via the ***transsell*** template.~~

~~e. The Transmission Customer agrees to the OFFER_PRICE, sets the BID_PRICE equal to the OFFER_PRICE, and sets the STATUS to CONFIRMED via the ***transcust*** template.~~

~~f. The OFFER_PRICE and CAPACITY_GRANTED with the STATUS of CONFIRMED locks in the terms of the reservation.~~

013-4.1.6.3 ~~RESERVED~~~~Multiple Step Negotiations~~

~~a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.~~

~~b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to~~

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~~INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.~~

~~c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service. If ATC changes before the request reaches the STATUS of CONFIRMED, Seller may change the CAPACITY_GRANTED.~~

~~d. The Seller determines that the BID_PRICE is too low, sets the OFFER_PRICE to the desired value, and sets the STATUS to COUNTEROFFER via the ***transsell*** template.~~

~~e. The Transmission Customer responds to the new OFFER_PRICE with an updated BID_PRICE and sets the STATUS to REBID for re-evaluation by the Seller.~~

~~f. The Seller determines that the BID_PRICE now is acceptable, and sets the STATUS to ACCEPTED via the ***transsell*** template. The transition to ACCEPTED state requires the OFFER_PRICE to be set to the BID_PRICE: accepting a reservation with an OFFER_PRICE different from BID_PRICE would require the STATUS be set to COUNTEROFFER rather than ACCEPTED (see Business Practice Standard WEQ-013-4.1.6.3.c).~~

~~g. The Transmission Customer agrees to the OFFER_PRICE and sets the STATUS to CONFIRM via the ***transcust*** template.~~

~~h. The OFFER_PRICE and CAPACITY_GRANTED with the STATUS as CONFIRMED locks in the terms of the reservation.~~

013-4.1.6.4 RESERVED~~Negotiations Declined by Seller~~

~~a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.~~

~~b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.~~

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c. The Seller determines that the BID_PRICE is too low, sets OFFER_PRICE to his desired value, and sets STATUS to COUNTEROFFER via the ***transsell*** template.

d. The Transmission Customer responds to OFFER_PRICE with updated BID_PRICE and sets the STATUS to REBID via the ***transcust*** template for re-evaluation by Seller.

e. The Seller breaks off all further negotiations by setting the STATUS to DECLINED, indicating that the price is unacceptable and that he does not wish to continue negotiations.

013-4.1.6.5 RESERVED~~Negotiations Withdrawn by Transmission Customer~~

a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest***. Initially the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.

c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service.

d. The Seller determines that the BID_PRICE is too low, sets the OFFER_PRICE to his desired value, and sets the STATUS to COUNTEROFFER via the ***transsell*** template.

e. The Transmission Customer responds to the OFFER_PRICE with an updated BID_PRICE and sets the STATUS to REBID for re-evaluation by Seller.

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f. The Seller determines that the BID PRICE is still too low, sets the OFFER_PRICE to another value, and sets STATUS to COUNTEROFFER via the ***transsell*** template.

g. The Transmission Customer breaks off all further negotiations, either because the OFFER_PRICE or CAPACITY_GRANTED are unacceptable, by setting STATUS to WITHDRAWN (or the Transmission Customer/Seller could go through additional iterations of REBID/COUNTEROFFER until negotiations are broken off or the reservation is confirmed).

013-4.1.6.6 RESERVEDNegotiations Superseded by Higher Priority Reservation

a. The Transmission Customer submits a Transmission Service reservation request with the BID PRICE less than the CEILING PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.

c. If the Seller determines that another reservation has higher priority and must displace this request, he sets the STATUS of this request to SUPERSEDED and the negotiations are terminated.

d. However, if desired and permitted by the tariff, the Seller may set the STATUS of a request in any of these previous states (including COUNTEROFFER and ACCEPTED) to COUNTEROFFER with an OFFER_PRICE which could avoid the request being superseded, thus allowing the Transmission Customer the choice of being SUPERSEDED or accepting the proposed OFFER_PRICE.

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013-4.1.7 RESERVED~~Audit Template examples~~

~~The following examples are included to show the general type of audit report responses that could be expected to be returned by implementations of the audit reporting templates as documented above.~~

013-4.1.7.1 RESERVED~~Offerings~~

~~The following is an example of a hypothetical audit query for DAILY NON-FIRM PTP offerings to the "DDD" POD for Monday August 17, 2007 (line breaks and indentations added to improve readability):~~

~~**Response:**~~

~~REQUEST_STATUS=200 ↵
ERROR_MESSAGE= ↵
TIME_STAMP=20070821091601ES ↵
VERSION=1.5 ↵
TEMPLATE=transofferingaudit ↵
OUTPUT_FORMAT=DATA ↵
PRIMARY_PROVIDER_CODE=WXYZ ↵
PRIMARY_PROVIDER_DUNS=78912345 ↵
RETURN_TZ=ES ↵
DATA_ROWS=14 ↵
COLUMN_HEADERS=RECORD_TYPE, TIME_OF_LAST_UPDATE, MODIFYING_COMPANY_CODE, MODIFYING_NAME, TIME_OF_LAST_UPDATE, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, OFFER_START_TIME, OFFER_STOP_TIME, START_TIME, STOP_TIME, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, SALE_REF, POSTING_REF, CEILING_PRICE, OFFER_PRICE, PRICE_UNITS, SERVICE_DESCRIPTION, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, SELLER_COMMENTS , OFFER_INCREMENT ↵
U, 20070815131756ES, WXYZ, Jane Doe, 20070815131756ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,800, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com , , DAILY ↵~~

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~~U, 20070815124022ES, WXYZ, Jane Doe, 20070815124022ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,850, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, , DAILY ↵~~
~~U, 20070814120018ES, WXYZ, Joe Smith, 20070814120018ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,850, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵~~
~~I, 20070813171204ES, WXYZ, Supervisor, 20070813171204ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,850, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,95, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵~~
~~U, 20070815124022ES, WXYZ, Jane Doe, 20070815124022ES, WXYZ,78912345, X/WXYZ/BBB-DDD//, BBB, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,1200, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48783,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com , , DAILY ↵~~
~~U, 20070814120022ES, WXYZ, Joe Smith, 20070814120022ES, WXYZ,78912345, X/WXYZ/BBB-DDD//, BBB, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,1200, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48783,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵~~
~~I, 20070813171210ES, WXYZ, Supervisor, 20070813171210ES, WXYZ,78912345, X/WXYZ/BBB-DDD//, BBB, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,1200, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48783,102,95, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵~~
~~U, 20070816101000ES, WXYZ, Supervisor, 20070816101000ES, WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,85, DAILY, NON-FIRM, POINT_TO_PO INT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48820,102,102, $/MW-Day,,3,, Supervisor, 123-456-7810, 123-456-7801,, , DAILY ↵~~
~~U, 20070814143807ES, WXYZ, Supervisor, 20070814143807ES, WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,90, DAILY,~~

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~~NON-FIRM, POINT_TO_PO INT, FULL_PERIOD, FIXED,,~~
~~SC:M;RF:M,,48820,102,102, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵~~
~~U, 20070814120023ES, WXYZ, Joe Smith, 20070814120023ES,~~
~~WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES,~~
~~20070817000000ES, 20070817000000ES, 20070818000000ES,110, DAILY,~~
~~NON-FIRM, POINT_TO_P OINT, FULL_PERIOD, FIXED,,~~
~~SC:M;RF:M,,48820,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵~~
~~I, 20070813171214ES, WXYZ, Supervisor, 20070813171214ES,~~
~~WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES,~~
~~20070817000000ES, 20070817000000ES, 20070818000000ES,110, DAILY,~~
~~NON-FIRM, POINT_TO_P OINT, FULL_PERIOD, FIXED,,~~
~~SC:M;RF:M,,48820,102,95, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵~~
~~U, 20070815124023ES, WXYZ, Jane Doe, 20070815124023ES,~~
~~WXYZ,78912345, X/WXYZ/WXYZ-DDD//, WXYZ, DDD, E,~~
~~20070814000000ES, 20070817000000ES, 20070817000000ES,~~
~~20070818000000ES,340, DAILY, NON-FIRM, POINT_T O_POINT,~~
~~FULL_PERIOD, FIXED,, SC:M;RF:M,,48855,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com , , DAILY ↵~~
~~U, 20070814120023ES, WXYZ, Joe Smith, 20070814120023ES,~~
~~WXYZ,78912345, X/WXYZ/WXYZ-DDD//, WXYZ, DDD, E,~~
~~20070814000000ES, 20070817000000ES, 20070817000000ES,~~
~~20070818000000ES,340, DAILY, NON-FIRM, POINT_T O_POINT,~~
~~FULL_PERIOD, FIXED,, SC:M;RF:M,,48855,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵~~
~~I, 20070813171222ES, WXYZ, Supervisor, 20070813171222ES,~~
~~WXYZ,78912345, X/WXYZ/WXYZ-DDD//, WXYZ, DDD, E,~~
~~20070814000000ES, 20070817000000ES, 20070817000000ES,~~
~~20070818000000ES,340, DAILY, NON-FIRM, POINT_T O_POINT,~~
~~FULL_PERIOD, FIXED,, SC:M;RF:M,,48855,102,95, $/MW-Day,,3,,~~
~~Supervisor, 123-456-7890, 123-456-7801,, , DAILY.↵~~

~~From this audit report, the DAILY NON_FIRM PTP offerings on the four paths to "DDD" (AAA-DDD, BBB-DDD, CCC-DDD, and WXYZ-DDD) were all originally posted by WXYZ's "Supervisor" at approximately 17:12 on August 13, 2007, at a price of $95.00/MWday discounted from a ceiling price of $102.00/MWday.~~
~~At approximately 12:00 on August 14, 2007, Joe Smith changed the offer price to $90.00/MWday on all four paths.~~

~~At 14:14 on August 14, 2007, "Supervisor" adjusted the capacity available on path X/WXYZ/CCC-DDD// to 90 MW (POSTING_REF = 48820) and set the offer price up to match the tariff ceiling rate (presumably due to the path now~~

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being constrained and released from the requirement to have discounted service offered at the same rate as all other unconstrained paths to DDD). Capacity on this path was last updated to a value of 85 MW at 10:10 on August 16, 2007, which is the current information posted on OASIS for this path at the time of the query.

Jane Doe adjusted the price on the three presumably unconstrained paths to DDD at 12:40 on August 15, 2007, to $85.00/MWday, which may have been in response to a negotiation for service on one of these paths. No further updates have occurred to the offerings on paths BBB-DDD and WXYZ-DDD since that time.

Finally, the capacity available on path X/WXYZ/AAA-DDD// was updated by Jane Doe from 850 to 800 MW at 13:17 on August 15, 2007, which may have corresponded with final confirmation of a reservation at a negotiated discount by the Transmission Customer that initiated the price change from $90.00/MWday to $85.00/MWday.

013-4.1.7.2 RESERVEDReservations

The following is an example of a hypothetical audit query for a specific Transmission Service reservation (line breaks and indentations added to improve readability):

Response:

REQUEST_STATUS=200.↵
ERROR_MESSAGE=.↵
TIME_STAMP=19980821092048ES.↵
VERSION=1.5.↵
TEMPLATE=transstatusaudit.↵
OUTPUT_FORMAT=DATA.↵
PRIMARY_PROVIDER_CODE=WXYZ.↵
PRIMARY_PROVIDER_DUNS=78912345.↵
RETURN_TZ=ES.↵
DATA_ROWS=15.↵
COLUMN_HEADERS=RECORD_TYPE, TIME_OF_UPDATE,
MODIFYING_COMPANY_CODE, MODIFYING_NAME,
CONTINUATION_FLAG, ASSIGNMENT_REF, SELLER_CODE,
SELLER_DUNS, CUSTOMER_CODE, CUSTOMER_DUNS,
AFFILIATE_FLAG, PATH_NAME, POINT_OF_RECEIPT,
POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED,
CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE,
TS_PERIOD, TS_WINDOW, TS_SUBCLASS,

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~~NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, START_TIME, STOP_TIME, CEILING_PRICE, OFFER_PRICE, BID_PRICE, PRICE_UNITS, PRECONFIRMED, ANC_SVC_LINK, ANC_SVC_REQ, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, IMPACTED, COMPETING_REQUEST_FLAG, REQUEST_TYPE, RELATED_REF, NEGOTIATED_PRICE_FLAG, STATUS, STATUS_NOTIFICATION, STATUS_COMMENTS, TIME_QUEUED, RESPONSE_TIME_LIMIT, TIME_OF_LAST_UPDATE, PRIMARY_PROVIDER_COMMENTS, SELLER_REF, SELLER_COMMENTS, CUSTOMER_COMMENTS, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, CUSTOMER_NAME, CUSTOMER_PHONE, CUSTOMER_FAX, CUSTOMER_EMAIL, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME, REASSIGNED_STOP_TIME, PRIMARY_PROVIDER_APPROVAL, PRIMARY_PROVIDER_PROVISIONS, ROLLOVER_WAIVED↵~~
~~U, 20070815131629ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,85,85, $/MW-Day, N, , SC:M;RF:M, , , , , ,,, ORIGINAL,, L, CONFIRMED, , , 20070815121510ES, 20070815144100ES, 20070815131629ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-9100, a .trader@defmarketing.com, , , , ,,, ↵~~
~~U,,,, Y,104392,,,,,,,,,,,75,75,,,,,,,,, 20070818000000ES, 20070819000000ES,,85,85,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~U,,,, Y,104392,,,,,,,,,,,100,100,,,,,,,,, 20070819000000ES, 20070820000000ES,,85,85,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~U, 20070815125042ES, WXYZ, Jane Doe, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,85,82, $/MW-Day, N, , SC:M;RF:M, , , , , ,,, ORIGINAL,, L, COUNTEROFFER, , , 20070815121510ES, 20070815144100 ES, 20070815125042ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-910 0, a.trader@defmarketing.com, , , , , ,,, ↵~~
~~U,,,, Y,104392,,,,,,,,,,,75,75,,,,,,,,, 20070818000000ES, 20070819000000ES,,85,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~U,,,, Y,104392,,,,,,,,,,,100,100,,,,,,,,, 20070819000000ES, 20070820000000ES,,85,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~U, 20070815124811ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,90,82, $/MW-Day, N, , SC:M;RF:M, , , , , ,,, ORIGINAL,, , REBID, , , 20070815121510ES,~~

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~~20070815144100ES, 20070 815124811ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-9100, a.trader @defmarketing.com,,,,,,,~~
~~U,,,, Y,104392,,,,,,,,,,,75,75,,,,,,,,, 20070818000000ES, 20070819000000ES,,90,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,~~
~~U,,,, Y,104392,,,,,,,,,,,100,100,,,,,,,,, 20070819000000ES, 20070820000000ES,,90,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,~~
~~U, 20070815124100ES, WXYZ, Jane Doe, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,90,80, $/MW-Day, N, , SC:M;RF:M, , , , , ,,, ORIGINAL,, , COUNTEROFFER, , , 20070815121510ES, 20070815144100 ES, 20070815124100ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-910 0, a.trader@defmarketing.com,,,,,,,~~
~~U,,,, Y,104392,,,,,,,,,,,75,75,,,,,,,,, 20070818000000ES, 20070819000000ES,,90,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,~~
~~U,,,, Y,104392,,,,,,,,,,,100,100,,,,,,,,, 20070819000000ES, 20070820000000ES,,90,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,~~
~~I, 20070815121510ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,,80, $/MW-Day, N, , SC:M;RF:M, , , , , ,,, ORIGINAL,, , QUEUED, , , 20070815121510ES, , 20070815121510ES, ,, , , Company Default, 123-456-7800, 123-456-7801, , Alan Trader, 312-678-9104, 312-678-9100, a.trader@defmarketing.com,,,,,,,~~
~~I,,,, Y,104392,,,,,,,,,,,75,,,,,,,,,,, 20070818000000ES, 20070819000000ES,,,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,~~
~~I,,,, Y,104392,,,,,,,,,,,100,,,,,,,,,,, 20070819000000ES, 20070820000000ES,,,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,~~

~~First, this example shows the handling of continuation records which conveyed a time varying demand of 50 MW on August 1, 2007, 75 MW on August 18, 2007, and 100 MW on August 19, 2007. This demand profile was initially entered with the original reservation request (***transrequest*** template) at 12:15 on August 15, 2007, by Alan Trader.~~

~~As part of the original reservation, Alan Trader attempted to negotiate a price for service of $80./MWday. Jane Doe responded to this request with a counter offer at the non-negotiated rate of $90./mwday at 12:41 on August 15, 2007. The RESPONSE_TIME_LIMIT Data Element has been updated to reflect the time by which the Transmission Customer must confirm service~~

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~~At 12:48, Alan Trader attempted to negotiate further for a rate of $82.00 /MWday and the reservation status was set to REBID. Jane Doe responded at 12:50 with a second counter offer restating a negotiated rate of $85.00/MWday, which Alan Trader finally agreed to at 13:16 on August 15, 2007. The current posted information on OASIS would show this final confirmed reservation.~~

013-4.1.8 RESERVED~~**Reservation Reductions**~~

~~The following is an example of the ***reduction*** template response format for a reservation, 123456, for one day of service at 50 MWs. Assume that 1) the Transmission Customer has redirected 20 MWs for that day on reservation 987654, 2) resold 10 MWs during the off-peak hours on reservation 345678, and 3) had service starting at 16:00 reduced in priority for two hours.~~

~~**Response:**~~

~~REQUEST_STATUS=200.↵
ERROR_MESSAGE=.↵
TIME_STAMP=20070207091601ES.↵
VERSION=1.5.↵
TEMPLATE=reduction.↵
OUTPUT_FORMAT=DATA.↵
PRIMARY_PROVIDER_CODE=WXYZ.↵
PRIMARY_PROVIDER_DUNS=78912345.↵
RETURN_TZ=ES.↵
DATA_ROWS=13.↵
COLUMN_HEADERS=CONTINUATION_FLAG, ASSIGNMENT_REF, CAPACITY_GRANTED, CAPACITY_AVAILABLE, START_TIME, STOP_TIME, REDUCTION_TYPE, REDUCTION_REASON, IMPACTING_REF, CAPACITY_REDUCED, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY.↵
N,1234567,50,20, 20070206000000ES, 20070206070000ES,,,, ,↵
Y,1234567,,,,, REDIRECT,,987654,-20, ,↵
Y,1234567,,,,, RESALE,,345678,-10, ,↵
N,1234567,50,30, 20070206070000ES, 20070206160000ES,,,, ,↵
Y,1234567,,,,, REDIRECT,,987654,-20, ,↵
N,1234567,50,30, 20070206160000ES, 20070206180000ES,,,, ,↵
Y,1234567,,,,, REDIRECT,,987654,-20, ,↵
Y,1234567,,,,, CONDITIONAL_EVENT, OSL violation on line xyz,,30,6,↵
N,1234567,50,30, 20070206180000ES, 20070206230000ES,,,, ,↵
Y,1234567,,,,, REDIRECT,,987654,-20, ,↵
N,1234567,50,20, 20070206230000ES, 20070207000000ES,,,, ,↵
Y,1234567,,,,, REDIRECT,,987654,-20, ,↵
Y,1234567,,,,, RESALE,,345678,-10, ,↵~~

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013-4.2 RESERVED~~ANCILLARY SERVICE LINKAGE EXAMPLES~~

~~The following examples document the handling of ancillary service linkage to Transmission Service requests/reservations using the ANC_SVC_LINK Data Element.~~

~~*Example 1:*~~

~~Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU are required, but will be defined at a future time.~~

~~"SC: (TPEL:RQ); RV: (TPEL:RQ); RF:(:FT); EI:(:FT); SP:(:FT); SU:(:FT)";~~

~~*Example 2:*~~

~~Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and RF, EI, SP and SU are self-supplied. The CUSTOMER_CODE is "CPSE"~~

~~"SC: (TPEL:RQ); RV: (TPEL:RQ); RF:(CPSE:SP); EI:(CPSE:SP); SP:(CPSE:SP); SU:(CPSE:SP)"~~

~~*Example 3:*~~

~~Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU were purchased via a prior OASIS reservation from Seller "SANC" whose reservation number was "39843". There is sufficient capacity within the Ancillary reservation to handle this Transmission Service reservation.~~

~~"SC:(TPEL:RQ); RV:(TPEL:RQ); RF:(SANC:AR:39843); EI:(SANC:AR:39843) SP:(SANC:AR:39843); SU:(SANC:AR:39843)"~~

~~*Example 4:*~~

~~Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU were purchased via prior OASIS reservations from Sellers SANC and TANC, whose reservation numbers where 8763 and 9824 respectively. There is not sufficient capacity within the ancillary reservation from Seller SANC to handle this Transmission Service reservation. In this case the OASIS reservation number 8763 will be depleted for the time frame specified within the Transmission~~

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~~Service reservation and the remaining required amount will come from reservation number 9824.~~

~~"SC:(TPEL:RQ); RV:(TPEL:RQ); RF:((SANC:AR:8763)(TANC:AR:9824));~~
~~EI:((SANC:AR:8763)(TANC:AR:9824));~~
~~SP:((SANC:AR:8763)(TANC:AR:9824));~~
~~SU:((SANC:AR:8763)(TANC:AR:9824))"~~

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~~*Example 5:*~~

~~Assume a Transmission Service reservation in the amount of $100.00/MWhour for a period of one day is made. Ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU were purchased via prior OASIS reservations from Sellers SANC and TANC, whose reservation numbers where 8763 and 9824 respectively. There is sufficient capacity within the ancillary reservation from Seller SANC to handle this Transmission Service reservation, however the purchaser wishes to use only 40 MWs from this Seller. In this case the OASIS reservation number 8763 will be depleted in the amount of 40 MWs for the time frame specified within the Transmission Service reservation and the remaining required amount will come from reservation number 9824.~~

~~"SC:(TPEL:RQ); RV:(TPEL:RQ); RF:((SANC:AR:8763:40)(TANC:AR:9824));~~
~~EI:((SANC:AR:8763:40)(TANC:AR:9824));~~
~~SP:((SANC:AR:8763:40)(TANC:AR:9824));~~
~~SU:((SANC:AR:8763:40)(TANC:AR:9824))"~~

013-x~~4~~ **EXAMPLE IMPLEMENTATION**

~~013-4.1~~ FILE REQUEST AND FILE DOWNLOAD EXAMPLES

The following Business Practice Standards WEQ-013-x~~4.1.1 through WEQ-013-4.1.8~~Examples 1 through 9 provide examples for the implementation of file request and download interactions that must be supported by OASIS. In these examples, the end-of-line (eol) character is represented by the character," ↵ ". This symbol may appear different on displays or printouts. Note that any leading or trailing spaces within each Data Record shown were inserted to facilitate word-wrapping of long records and must not appear in the actual formatted data files returned by OASIS unless they are contained within double quotes.

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~~013-4.1.1~~ **Example 1 - File Example for Hourly Offering**

Example of the request to Transmission Provider, AAA for PATH_NAME "W/AAA/ABC//" for April 10, 2007, from 8 a.m. to 3 p.m. (Note that the PATH_NAME consists of a REGION_CODE, PRIMARY_PROVIDER_CODE, PATH_CODE, and an OPTIONAL_CODE, separated with a slash, "/".)

The version for this release is 1.5. The request is in the form of a URL query string and the response is an ASCII delimited file. There is also one offer posted by the Reseller “WXYZ” that has posted their weekly scheduling rights for Resale on an HOURLY basis.

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3. Query

http://(OASIS Node name)/OASIS/AAA/data/transoffering?
ver=1.5&templ=transoffering& fmt=data&pprov=AAA
&pprovduns=123456789& path=W/AAA/ABC//& servincre=hourly
&TSCLASS1=firm &TSCLASS2=non-firm&tz=PD
&stime=20070410080000PD &sptime=20070410150000PD

4. Response Data

REQUEST-STATUS=200↵ (*Successful*)
TIME_STAMP=20070409113526PD ↵
VERSION=1.5↵
TEMPLATE=transoffering↵
OUTPUT_FORMAT=DATA ↵

PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
DATA_ROWS=13↵
COLUMN_HEADERS=TIME_OF_LAST_UPDATE, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, OFFER_START_TIME, OFFER_STOP_TIME, START_TIME, STOP_TIME, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, SALE_REF, POSTING_REF, CEILING_PRICE, OFFER_PRICE, PRICE_UNITS, SERVICE_DESCRIPTION, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, SELLER_COMMENTS, OFFER_INCREMENT↵
20070406170000PD, WXYZ,543219876, W/AAA/AAA-ABC//, AAA, ABC, E,,, 20070410000000PD, 20070411000000PD,15, WEEKLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5673,1.5,1.43, $/MW-H,,4,, WXYZ Marketer, 888-789-4321,,, Reselling WEEKLY priority rights, HOURLY↵
20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC, E, 20070402080000PD, 20070410080000PD, 20070410080000PD, 20070410090000PD,50, HOURLY, FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5675,1.5,1.35, $/MW-H,,7,, AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC, E, 20070402080000PD, 20070410080000PD, 20070410080000PD, 20070410090000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,

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FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5676,1.5,1.35, $/MW-H,,2,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410090000PD,
20070410100000PD,50, HOURLY, FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5682,1.5,1.35, $/MW-H,,7,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410090000PD,
20070410100000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5688,1.5,1.35, $/MW-H,,2,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410100000PD,
20070410110000PD,0, HOURLY, FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5689,1.5,1.35, $/MW-H,,7,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410100000PD,
20070410110000PD,275, HOURLY, NON-FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5693,1.5,1.35, $/MW-H,,2,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410110000PD,
20070410130000PD,0, HOURLY, FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5694,1.5,1.35, $/MW-H,,7,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410110000PD,
20070410130000PD,150, HOURLY, NON-FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5699,1.5,1.35, $/MW-H,,2,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410130000PD,
20070410140000PD,25, HOURLY, FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5702,1.5,1.35, $/MW-H,,7,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410130000PD,
20070410140000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5703,1.5,1.35, $/MW-H,,2,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410140000PD,
20070410150000PD,25, HOURLY, FIRM, POINT_TO_POINT,

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FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5706,1.5,1.35, $/MW-H,,7,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410140000PD,
20070410150000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5707,1.5,1.35, $/MW-H,,2,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵

~~013-4.1.2~~ **Example 2 - File Example for Hourly Schedule Data**

This example shows a request for the hourly schedule data from Transmission Provider, AAA, related to the Seller, WXYZ, for the period 10 a.m. to 3 p.m. on April 10, 2007.

There are two identical requests examples using two slightly different methods. The first request is using a HTTP URL request string through an HTML GET method. The second request is a similar example using FETCH_HTTP from a file using a POST method.

3. Query

URL Request (HTTP method=GET)
http://(OASIS Node name)/OASIS/AAA/data/scheduledetail? ver=1.5&
pprov=AAA& templ=scheduledetail& fmt=data &pprovduns=123456789
&path=W/AAA/ABC//& seller=WXYZ &por=BBB &pod=CCC& tz=PD&
stime=20070410100000PD & sptime=20070410150000PD

URL Request (HTTP method=POST)
$ fetch_http http://(OASIS Node name)/OASIS/aaaa/data/OASISdata -f
c:/OASIS/wxyz/upload/infile. txt Where *in-file.txt* contains the following:
ver=1.5& pprov=AAA& templ=scheduledetail& fmt=data
&pprovduns=123456789 &path=W/AAA/ABC//& seller=WXYZ
&por=BBB &pod=CCC& tz=PD& stime=20070410100000PD &
sptime=20070410150000PD

4. Response Data

REQUEST_STATUS=200↵
ERROR_MESSAGE=No error. ↵
TIME_STAMP=20070410160523ES ↵
VERSION=1.5↵
TEMPLATE=scheduledetail↵
OUTPUT_FORMAT=DATA↵

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PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=PD↵
DATA_ROWS=3↵
COLUMN_HEADERS=CONTINUATION_FLAG,
TIME_OF_LAST_UPDATE, SCHEDULE_REF, TRANSACTION_ID,
TRANSACTION_TYPE, TPSE_CODE, PATH_NAME,
POINT_OF_RECEIPT, POINT_OF_DELIVERY, GCA_CODE,
LCA_CODE, SOURCE, SINK, SCHEDULE_PRIORITY, START_TIME,
STOP_TIME, SCHEDULE_REQUESTED, SCHEDULE_GRANTED,
ASSIGNMENT_REF, SELLER_CODE, SELLER_DUNS,
CUSTOMER_CODE, CUSTOMER_DUNS, AFFILIATE_FLAG,
SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD,
TS_WINDOW, TS_SUBCLASS, NERC_CURTAILMENT_PRIORITY,
OTHER_CURTAILMENT_PRIORITY, CAPACITY_USED,
PROVIDER_ACTION, SCHEDULE_LIMIT, CURTAILMENT_OPTIONS,
SECURITY_REF, INITIATING_PARTY, RESPONSIBLE_PARTY,
PROCEDURE_NAME, PROCEDURE_LEVEL, FACILITY_LOCATION,
FACILITY_NAME, FACILITY_CLASS,
FACILITY_LIMIT_TYPE,ANNOTATION↵
N, 20070409030000PD,12345, BBB_MKTATAGCODE_CCC,
NORMAL, MKTA, W/AAA/ABC//, BBB, CCC,
BBB,CCC,GENX,LOADY,2-NH, 20070410100000PD,
20070410110000PD,280,280,856743, WXYZ,987654321,
MKTA,987654322, N, HOURLY, NON_FIRM, POINT_TO_POINT,
ON_PEAK, FIXED,,2, ,300,,,,,,,,,,,,, ↵
N, 20070409030000PD,12346, BBB_MKTATAGCODE_CCC,
NORMAL, MKTA, W/AAA/ABC//, BBB, CCC,
BBB,CCC,GENX,LOADY,2-NH, 20070410110000PD,
20070410140000PD,295,295,856743, WXYZ,987654321,
MKTA,987654322, N, HOURLY, NON_FIRM, POINT_TO_POINT,
ON_PEAK, FIXED,,2, ,300,,,,,,,,,,,,, ↵
N, 20070409030000PD,12347, BBB_MKTATAGCODE_CCC,
DYNAMIC, MKTA, W/AAA/ABC//, BBB, CCC,
BBB,CCC,GENX,LOADY,2-NH, 20070410140000PD,
20070410150000PD,300,300,856743, WXYZ,987654321,
MKTA,987654322, N, HOURLY, NON_FIRM, POINT_TO_POINT,
ON_PEAK, FIXED,,2, ,300,,,,,,,,,,,,, ↵

~~013-4.1.3~~ **Example 3 - Transmission Customer Posting a Transmission Service Offering**

This example shows how a Transmission Customer would post for sale the Transmission Service that was purchased previously. The Seller would create

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a file and upload the file using the FETCH_HTTP program to send a file to the OASIS Node of the Transmission Provider. This example shows the posting of MONTHLY service offered for Resale on a DAILY increment basis.

3. **Input:**
FETCH_HTTP Command to send posting:
$ fetch_http http://(OASIS Node name)/OASIS/abcd/data/transrequest -f c:/OASIS/abcd/upload/*post.txt*

Where the file *post.txt* contains:

VERSION=1.5↵
TEMPLATE=transpost↵
OUTPUT_FORMAT=DATA ↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
DATA_ROWS=1↵
COLUMN_HEADERS=PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, START_TIME, STOP_TIME, OFFER_START_TIME, OFFER_STOP_TIME, SALE_REF, OFFER_PRICE, SERVICE_DESCRIPTION, SELLER_COMMENTS, OFFER_INCREMENT
W/AAA/ABC-DEF//,,, E,150, MONTHLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,, 20070410000000PD, 20070414000000PD, 20070402080000PD, 20070410070000PD, A123,0.9,,"As Joe said, ""It is a good buy""", DAILY↵

4. **Response Data**

REQUEST-STATUS=200 ↵ (*Successful*)
TIME_STAMP=20070409113526PD ↵
VERSION=1.5↵
TEMPLATE=transpost↵
OUTPUT_FORMAT=DATA ↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
DATA_ROWS=1↵
COLUMN_HEADERS=RECORD_STATUS, POSTING_REF, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, START_TIME, STOP_TIME, OFFER_START_TIME,

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OFFER_STOP_TIME, SALE_REF, OFFER_PRICE,
SERVICE_DESCRIPTION, SELLER_COMMENTS,
OFFER_INCREMENT, ERROR_MESSAGE↵
200,7453255, W/AAA/ABC-DEF//,,, E,150, MONTHLY, NON-FIRM,
POINT_TO_POINT, FULL_PERIOD, FIXED,,, 200070410000000PD,
20070414000000PD, 20070402080000PD, 20070410070000PD,
A123,0.9,," As Joe said, ""It is a good buy""", DAILY, No Error↵

~~013-4.1.4~~ **Example 4 - Example of Aggregating Purchased Services for Resale using Reassignment**

The following examples do not show the complete template information, but only show the values assigned to those Data Elements in the template that are important to the example.

a. Transmission Customer #1, "BestE" requests the purchase of 20 MW DAILY FIRM PTP for May 7th and 8th for $1.00/MWday from Transmission Provider AAA (***transrequest***).

TEMPLATE=transrequest
CUSTOMER_CODE=BestE (Implied by the registered entity submitting the template)
SELLER_CODE=AAA
PATH_NAME=W/AAA/AAA-ABC//
SERVICE_INCREMENT=DAILY
TS_CLASS=FIRM
START_TIME=2007050700000000PD
STOP_TIME=20070509000000PD
CAPACITY_REQUESTED=20
BID_PRICE=1.00
REQUEST_TYPE=ORIGINAL

The OASIS assigns ASSIGNMENT_REF = 5000 on acknowledgment.

b. Transmission Customer #1 purchases an additional 70 MW of DAILY FIRM PTP on the same path for May 8th for $1.05/MWday (***transrequest***).
TEMPLATE=transrequest
CUSTOMER_CODE=BestE (Implied by the registered entity submitting the template)
SELLER_CODE=AAA
PATH_NAME=W/AAA/AAA-ABC//
SERVICE_INCREMENT=DAILY
TS_CLASS=FIRM
START_TIME=2007050800000000PD

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STOP_TIME=2007050900000000PD
CAPACITY_REQUESTED=70
BID_PRICE=1.05
REQUEST_TYPE=ORIGINAL
The OASIS assigns the ASSIGNMENT_REF=5001 when the request for purchase is made and is shown in the acknowledgment.

c. Transmission Customer #1 becomes Reseller #1 and posts an offer of Transmission Service of 50 MW of their DAILY FIRM PTP rights purchased above for Resale on an Hourly basis on May 8th from 7 a.m. to 11 p.m. at $.90/MW-hour.

TEMPLATE=transpost
SELLER_CODE=BestE (Implied by the registered entity submitting the template)
PATH_NAME=W/AAA/AAA-ABC//CAPACITY=50
SERVICE_INCREMENT=DAILY
TS_CLASS=FIRM
START_TIME=2007050807000000PD
STOP_TIME=20007050823000000PD
OFFER_INCREMENT=HOURLY
SALE_REF=BEST 50
OFFER_PRICE=.90
SELLER_COMMENTS=aggregating two previous purchases

d. Transmission Customer #2 “Whlsle” then requests purchase of 35 MW firm from Reseller #1 from 8 a.m. to 5 p.m. for $0.90/MW-hour (***transrequest***).

TEMPLATE=transrequest
CUSTOMER_CODE=Whlsle
SELLER_CODE=BestE (Implied by the registered entity submitting the template)
PATH_NAME=W/AAA/AAA-ABC//
TS_CLASS=FIRM
START_TIME=20070508080000PD
STOP_TIME=20070508170000PD
CAPACITY_REQUESTED=35
BID_PRICE=0.90
CUSTOMER_COMMENTS=Only need service until 5 p.m.
REQUEST_TYPE=RESALE

The OASIS provides the ASSIGNMENT_REF=5002 for this transaction.

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e. Seller (Reseller #1) informs the Transmission Provider of the reassignment of the previous Transmission Service rights when the Seller accepts the Transmission Customer purchase request (***transsell***).

TEMPLATE=transsell
SELLER_CODE=BestE (Implied by the registered entity submitting the template)
ASSIGNMENT_REF=5033
START_TIME=20070508080000PD
STOP_TIME=20070508170000PD
CAPACITY_GRANTED=35
OFFER_PRICE=0.90
STATUS=ACCEPTED
REASSIGNED_REF1=5000
REASSIGNED_CAPACITY1=20
REASSIGNED_START_TIME1=20070508080000PD
REASSIGNED_STOP_TIME1=20070508170000PD
REASSIGNED_REF2=5006
REASSIGNED_CAPACITY2=15
REASSIGNED_START_TIME2=20070508080000PD
REASSIGNED_STOP_TIME2=20070508170000PD

Resale Business Practice Standards WEQ-011-11 and WGQ-013-2.6.7 govern what services may be aggregated and offered for Resale. The sum of all REASSIGNED_CAPACITY over time must be sufficient to satisfy the capacity granted in CAPACITY_GRANTED over the interval of START_TIME to STOP_TIME.

~~013-4.1.5~~ **Example 5 - File Examples of the Use of Continuation Records**

a. Basic Continuation Records

The first example of the use of Continuation Records is for the ***transrequest*** template submitted by a Transmission Customer, “MOP” for purchase of a Transmission Service reservation spanning 16 hours from 06:00 to 22:00 with "ramped" demand at beginning and end of time period. Two additional reservation requests are also submitted in this request prior to and following the profile to demonstrate the handling of ASSIGNMENT_REF by the OASIS Node. The last request is for a purchase from a Reseller, “EFG”.

The OASIS S&CP identifies which Data Elements may appear in continuation records. For profiled request of capacity, the Data Elements START_TIME, STOP_TIME, CAPACITY_REQUESTED, and BID_PRICE

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are repeated in continuation records to define each segment of the profiled requests. Specification of any values corresponding to COLUMN_HEADERs that are not specified as being allowed in continuation records will be ignored, however commas must be included to properly align the Data Elements associated with each continuation record.

Input:

VERSION=1.5↵
TEMPLATE=transrequest↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=7↵
COLUMN_HEADERS=CONTINUATION_FLAG, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK,CAPACITY_REQUESTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, STATUS_NOTIFICATION, START_TIME, STOP_TIME, BID_PRICE, PRECONFIRMED, ANC_SVC_LINK, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, CUSTOMER_COMMENTS,REQUEST_TYPE,RELATED_REF, ROLLOVER_WAIVED↵
N, AAA,123456789, X/AEF/CEF-ECS//, CEF, ECS,,,35, DAILY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,, /AAA/incoming?ref=R765, 20070423000000ES, 20070424000000ES,24.5, NO,,,, R765, D123, Standard daily reservation, ORIGINAL,, ↵
N, AAA,123456789,, AEF, MPO,,,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, /AAA/incoming?ref=R766, 20070423060000ES, 20070423070000ES,2.5, YES,,,, R766, D123, First piece of profile spanning 5 records, ORIGINAL,, ↵
Y,,,,,,,,10,,,,,,,,, 20070423070000ES, 20070423080000ES,2.5,,,,,,,,,, ↵
Y,,,,,,,,15,,,,,,,,, 20070423080000ES, 20070423200000ES,2.5,,,,,,,,,, ↵
Y,,,,,,,,10,,,,,,,,, 20070423200000ES, 20070423210000ES,2.5,,,,,,,,,, ↵
Y,,,,,,,,5,,,,,,,,, 20070423210000ES, 20070423220000ES,2.5,,,,,,,,,, ↵
N, EFG,678912345, X/AEF/CEF-ECS//, CEF, ECS,,,20,DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,, /AAA/incoming?ref=R767, 20070423040000ES, 20070423160000ES,2, YES,,,, R767, D123, Resale hourly reservation after profiled reservation, RESALE,, ↵

Response:

REQUEST_STATUS=200↵

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ERROR_MESSAGE=Success ↵
TIME_STAMP=20070422160523ES ↵
VERSION=1.5↵
TEMPLATE=transrequest↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=7↵
COLUMN_HEADERS=RECORD_STATUS, CONTINUATION_FLAG, ASSIGNMENT_REF, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, STATUS_NOTIFICATION, START_TIME, STOP_TIME, BID_PRICE, PRECONFIRMED, ANC_SVC_LINK, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, CUSTOMER_COMMENTS, REQUEST_TYPE, RELATED_REF, ROLLOVER_WAIVED, ERROR_MESSAGE↵
200,N,23879032, AAA,123456789, X/AEF/CEF-ECS//, CEF, ECS,,,35, DAILY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,, /AAA/incoming?ref=R765, 20070423000000ES, 20070424000000ES,24.5, NO,,,, R765, D123, Standard daily reservation, ORIGINAL, ,, No Error↵
200,N,23879037, AAA,123456789,, AEF, MPO,,,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, /AAA/incoming?ref=R766, 20070423060000ES, 20070423070000ES,2.5, YES,,,, R766, D123, First piece of profile spanning 5 records, ORIGINAL, ,, No Error↵
200,Y,23879037,,,,,,,,10,,,,,,,, 20070423070000ES, 20070423080000ES,2.5,,,,,,,,, ,, No Error↵
200,Y,23879037,,,,,,,,15,,,,,,,, 20070423080000ES, 20070423200000ES,2.5,,,,,,,,, ,, No Error↵
200,Y,23879037,,,,,,,,10,,,,,,,, 20070423200000ES, 20070423210000ES,2.5,,,,,,,,, ,, No Error↵
200,Y,23879037,,,,,,,,5,,,,,,,, 20070423210000ES, 20070423220000ES,2.5,,,,,,,,,,, No Error↵
200,N,23879040, EFG,678912345, X/AEF/CEF-ECS//, CEF, ECS,,,20,DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,, /AAA/incoming?ref=R767, 20070423040000ES, 20070423160000ES,2, YES,,,, R767, D123, Resale hourly reservation after profiled reservation, RESALE, ,, No Error↵

b. Submission of Reassignment Information - Case 1:

In the prior example (last Data Record in ***transrequest***) a Resale reservation request was submitted to the Reseller "EFG" by the

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Transmission Customer for 20MW of DAILY FIRM PTP scheduling rights from 04:00 to 16:00. Assume that the Reseller has previously reserved service for the CEF-ECS path for DAILY FIRM PTP in amount of 50 MW on 4/23 under ASSIGNMENT_REF=23877019, and another 10 MW on April 23, 2007, under ASSIGNMENT_REF=23877880. Reseller must designate which Transmission Service rights are to be reassigned to Transmission Customer to satisfy the 20MW from 04:00 to 16:00. This reassignment information is conveyed by Reseller using the ***transsell*** template when the reservation request is accepted. At the Seller's discretion, rights are assigned for the first four hours of the Resale from the first reservation (ASSIGNMENT_REF=23877019). The balance of the Resale is supported by 10 MWs from the second reservation first (ASSIGNMENT_REF=23877880) with the balance taken up by the first reservation (ASSIGNMENT_REF=23877019). This split of reassignment information is conveyed in "continuation" records via the ***transsell*** template Data Elements REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME, and REASSIGNED_STOP_TIME.

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Input:

VERSION=1.5↵
TEMPLATE=transsell↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=3↵
COLUMN_HEADERS=CONTINUATION_FLAG, ASSIGNMENT_REF, START_TIME, STOP_TIME, OFFER_PRICE, CAPACITY_GRANTED, STATUS, STATUS_COMMENTS, ANC_SVC_LINK, ANC_SVC_REQ, COMPETING_REQUEST_FLAG, NEGOTIATED_PRICE_FLAG, SELLER_REF, SELLER_COMMENTS, RESPONSE_TIME_LIMIT, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME
N,23879040, 20070423040000ES, 20070423160000ES,2,20, ACCEPTED, Status comments here, , , N, , S78234, Seller comments here, 20070421153720ES,23877019,20, 20070423040000ES, 20070423080000ES ↵
Y,23879040,,,,,,,,,,,,,23877880,10, 20070423080000ES, 20070423160000ES ↵
Y,23879040,,,,,,,,,,,,,23877019,10, 20070423080000ES, 20070423160000ES ↵

Response:

REQUEST_STATUS=200↵
ERROR_MESSAGE=Successfully updated. ↵
TIME_STAMP=20070422160523ES ↵
VERSION=1.5↵
TEMPLATE=transsell↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=3↵
COLUMN_HEADERS=RECORD_STATUS, CONTINUATION_FLAG, ASSIGNMENT_REF, START_TIME, STOP_TIME, OFFER_PRICE,CAPACITY_GRANTED, STATUS, STATUS_COMMENTS, ANC_SVC_LINK, ANC_SVC_REQ, COMPETING_REQUEST_FLAG, NEGOTIATED_PRICE_FLAG, SELLER_REF, SELLER_COMMENTS, RESPONSE_TIME_LIMIT, REASSIGNED_REF,

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REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME , ERROR_MESSAGE↵
200,N,23879040, 20070423040000ES, 20070423160000ES,2,20, ACCEPTED, Status comments here, , , N, , S78234, Seller comments here, 20070421153720ES,23877019,20, 20070423040000ES, 20070423080000ES, No Error.↵
200,Y,23879040,,,,,,,,,,,,,23877880,10, 20070423080000ES, 20070423160000ES, No Error.↵
200,Y,23879040,,,,,,,,,,,,,23877019,10, 20070423080000ES, 20070423160000ES, No Error.↵

c. Submission of Reassignment Information - Case 2:

If the Resale transaction from the previous example were conducted off-OASIS, the Seller, "EFG", would use the ***transassign*** template to post the transaction to OASIS.

Input:
VERSION=1.5↵
TEMPLATE=transassign↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=3↵
COLUMN_HEADERS=CONTINUATION_FLAG, CUSTOMER_CODE, CUSTOMER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED, CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, START_TIME, STOP_TIME, OFFER_PRICE, ANC_SVC_LINK, POSTING_NAME, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME , SELLER_COMMENTS, SELLER_REF, REQUEST_TYPE, RELATED_REF↵
N, MOP,562791881, X/AEF/CEF-ECS//, CEF, ECS,,,20,20, DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,, 20070423040000ES, 20070423160000ES,2,, John Doe,23877019,20, 20070423040000ES, 20070423080000ES, Seller comments here, S78234, RESALE, ↵
Y,,,,,,,,,,,,,,,,,,,,,23877880,10, 20070423080000ES, 20070423160000ES,, ,, ↵
Y,,,,,,,,,,,,,,,,,,,,,23877019,10, 20070423080000ES, 20070423160000ES,, ,↵

Response:

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REQUEST_STATUS=200↵
ERROR_MESSAGE=Successfully updated. ↵
TIME_STAMP=20070422160523ES ↵
VERSION=1.5↵
TEMPLATE=transassign↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=3↵
COLUMN_HEADERS=RECORD_STATUS,
CONTINUATION_FLAG,ASSIGNMENT_REF, CUSTOMER_CODE,
CUSTOMER_DUNS, PATH_NAME, POINT_OF_RECEIPT,
POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED,
CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE,
TS_PERIOD, TS_WINDOW, TS_SUBCLASS, START_TIME, STOP_TIME,
OFFER_PRICE, ANC_SVC_LINK, POSTING_NAME, REASSIGNED_REF,
REASSIGNED_CAPACITY, REASSIGNED_START_TIME ,
REASSIGNED_STOP_TIME , SELLER_COMMENTS, SELLER_REF,
REQUEST_TYPE, RELATED_REF,ERROR_MESSAGE↵
200,N,3377280, MOP,562791881, X/AEF/CEF-ECS//, CEF, ECS,,,20,20,
DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,,
20070423040000ES, 20070423160000ES,2,, John Doe,23877019,20,
20070423040000ES, 20070423080000ES, Seller comments here, S78234,
RESALE,,No Error↵
200,Y,3377280,,,,,,,,,,,,,,,,,,,,23877880,10, 20070423080000ES,
20070423160000ES,, ,,,No Error↵
200,Y,3377280,,,,,,,,,,,,,,,,,,,,23877019,10, 20070423080000ES,
20070423160000ES,, ,,,No Error↵

d. Query of Transmission Service Reservation Status:

The following is a hypothetical response to a ***transstatus*** query that might be delivered for reservations starting on April 23, 2007.

Input:

<appropriate query name/value pairs to return reservations for April 23, 2007>

Response:

REQUEST_STATUS=200↵
ERROR_MESSAGE=No error. ↵

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```
TIME_STAMP=20000423160523ES↵
VERSION=1.5↵
TEMPLATE=transstatus↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=10↵
COLUMN_HEADERS=CONTINUATION_FLAG, ASSIGNMENT_REF,
SELLER_CODE, SELLER_DUNS, CUSTOMER_CODE,
CUSTOMER_DUNS, AFFILIATE_FLAG, PATH_NAME,
POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE,
SINK,CAPACITY_REQUESTED,CAPACITY_GRANTED,
SERVICE_INCREMENT, TS_CLASS, TS_TYPE,
TS_PERIOD,TS_WINDOW, TS_SUBCLASS,
NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY,
START_TIME, STOP_TIME, CEILING_PRICE, OFFER_PRICE,
BID_PRICE, PRICE_UNITS, PRECONFIRMED, ANC_SVC_LINK,
ANC_SVC_REQ, POSTING_REF, SALE_REF, REQUEST_REF,
DEAL_REF, IMPACTED, COMPETING_REQUEST_FLAG,
REQUEST_TYPE, RELATED_REF, NEGOTIATED_PRICE_FLAG,
STATUS, STATUS_NOTIFICATION, STATUS_COMMENTS,
TIME_QUEUED, RESPONSE_TIME_LIMIT, TIME_OF_LAST_UPDATE,
PRIMARY_PROVIDER_COMMENTS, SELLER_REF,
SELLER_COMMENTS, CUSTOMER_COMMENTS, SELLER_NAME,
SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, CUSTOMER_NAME,
CUSTOMER_PHONE, CUSTOMER_FAX, CUSTOMER_EMAIL,
REASSIGNED_REF, REASSIGNED_CAPACITY,
REASSIGNED_START_TIME , REASSIGNED_STOP_TIME,
PRIMARY_PROVIDER_APPROVAL,
PRIMARY_PROVIDER_PROVISIONS, ROLLOVER_WAIVED ↵
N,8207, RSELLR,234567890, ACSTMR,987654321, N, , CE, VP, ,,10,10,
HOURLY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,,7,,
20070423000000ES, 20070423060000ES,,2,2, $/MW-Hour, NO,
SC:(AEP:AR:121);RV:(AEP:AR:122);RF:(FT);EI:(FT);SP:(FT);SU:(FT);,
SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, , S1235, , ,0,, RESALE,, L,
CONFIRMED,, , 20070422121354ES,, 20070422123054ES, Transmission
Provider Comments go here,, Seller comments go here, Transmission
Customer comments go here, Joe Smith, (777)-312-7456, (777)-312-7450,
jsmith@xyz.com, John Dealer, (534)-223-4567,,,7019,10,
20070423000000ES, 20070423060000ES,,, ↵
Y,8207,,,,,,,,,,10,10,,,,,,,, 20070423220070ES,
20070424000000ES,,2,2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,7019,10, 20070423220070ES,
20070424000000ES,,, ↵
```

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N,8234, AAA,123456789, CUSTMR,345678912, N, , CE, MECS, ,,35,35, DAILY, FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,7,, 20070423000000ES, 20070424000000ES,42,24.5,24.5, $/MW-Day, NO, SC:(AEP:AR:123);RV:(AEP:AR:124);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,, L, CONFIRMED, pub/AAA/incoming,, 20070422131354ES, 20070422173354ES, 20070422133354ES, Standard daily reservation,, System Operator, Transmission Customer comments go here, Frank Orth, (999)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,,, ↵
N,8235, AAA,123456789, CUSTMR,345678912, N, , CE, AMPO, ,,5,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,2,, 20070423060000ES, 20070423070000ES,2,2,2, $/MW-Hour, NO, SC:(AEP:AR:125);RV:(AEP:AR:126);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,,, CONFIRMED, pub/AAA/incoming,, 20070422160523ES, 20070422171203ES, 20070422170523ES, Profile verified,, First piece, Transmission Customer comments go here, System Operator, (888)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,, ↵
Y,8235,,,,,,,,,,10,10,,,,,,,, 20070423070000ES, 20070423080000ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
Y,8235,,,,,,,,,,15,15,,,,,,,, 20070423080000ES, 20070423200700ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
Y,8235,,,,,,,,,,10,10,,,,,,,, 20070423200700ES, 20070423210000ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
Y,8235,,,,,,,,,,5,5,,,,,,,, 20070423210000ES, 20070423220070ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
N,8242, AAA,123456789, CUSTMR,345678912, N, , CE, VP, ,,20,20,WEEKLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,4,, 20070423000000ES, 20070430000000ES,123,123,123,$/MW-Week, NO, SC:(AEP:AR:127);RV:(AEP:AR:128);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,,, CONFIRMED, pub/AAA/incoming,, 20070422160723ES, 20070422223024ES, 20070422171523ES, Bid price refused,, Negotiated OFFER_PRICE accepted,, Joe Smith, (888)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,, ↵
Y,8242,,,,,,,,,,18,18,,,,,,,, 20070430000000ES, 20070507000000ES,123,123,123,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵

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~~013-4.1.6~~ **Example 6 - Examples of Negotiation of Price and Partial Service Offer**

~~013-4.1.6.1~~ **Example 6a -** Negotiation with Preconfirmation

a. The Transmission Customer submits a preconfirmed Transmission Service request using the ***transrequest*** template. Initially, the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, COUNTEROFFER, ACCEPTED, DECLINED, or REFUSED.

c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service.

d. If the Seller sets STATUS to ACCEPTED (and, as required by Business Practice Standard WEQ-013-2.2, the OASIS Node forces the Seller to set OFFER_PRICE equal to BID_PRICE as a condition to setting STATUS to ACCEPTED) and CAPACITY_GRANTED is equal to CAPACITY_REQUESTED, the OASIS Node will immediately set STATUS to CONFIRMED. (Business Practice Standard WEQ-013-2.2 requires the OASIS Node to set a null CAPACITY_GRANTED equal to CAPACITY_REQUESTED when STATUS is set to ACCEPTED.)

e. The Transmission Customer may withdraw request via ***transcust*** template at any time up to point where the Seller sets STATUS to ACCEPTED.

f. Once the STATUS is CONFIRMED, the OFFER_PRICE and CAPACITY_GRANTED officially becomes the terms of the reservation.

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~~013-4.1.6.2~~ **Example 6b -** Negotiations without Preconfirmation

a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID (due to invalid entries in the request), DECLINED (due to the Seller determining that the proposed price is not acceptable and further negotiations are not desired), or REFUSED (due to the unavailability of the requested service), the Transmission Service reservation request is terminated.

c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service.

d. If the Seller set the STATUS to RECEIVED or STUDY, and determines that the BID_PRICE is too low, the Seller sets the OFFER_PRICE to the price desired, and sets the STATUS to COUNTEROFFER via the ***transsell*** template.

e. The Transmission Customer agrees to the OFFER_PRICE, sets the BID_PRICE equal to the OFFER_PRICE, and sets the STATUS to CONFIRMED via the ***transcust*** template.

f. The OFFER_PRICE and CAPACITY_GRANTED with the STATUS of CONFIRMED locks in the terms of the reservation.

~~013-4.1.6.3~~ **Example 6c -** Multiple Step Negotiations

a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to

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INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.

c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service. If ATC changes before the request reaches the STATUS of CONFIRMED, Seller may change the CAPACITY_GRANTED.

d. The Seller determines that the BID_PRICE is too low, sets the OFFER_PRICE to the desired value, and sets the STATUS to COUNTEROFFER via the ***transsell*** template.

e. The Transmission Customer responds to the new OFFER_PRICE with an updated BID_PRICE and sets the STATUS to REBID for re-evaluation by the Seller.

f. The Seller determines that the BID_PRICE now is acceptable, and sets the STATUS to ACCEPTED via the ***transsell*** template. The transition to ACCEPTED state requires the OFFER_PRICE to be set to the BID_PRICE: accepting a reservation with an OFFER_PRICE different from BID_PRICE would require the STATUS be set to COUNTEROFFER rather than ACCEPTED (see Business Practice Standard WEQ-013-4.1.6.3.c).

g. The Transmission Customer agrees to the OFFER_PRICE and sets the STATUS to CONFIRM via the ***transcust*** template.

h. The OFFER_PRICE and CAPACITY_GRANTED with the STATUS as CONFIRMED locks in the terms of the reservation.

~~**013-4.1.6.4**~~ **Example 6d -** Negotiations Declined by Seller

a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.

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c. The Seller determines that the BID_PRICE is too low, sets OFFER_PRICE to his desired value, and sets STATUS to COUNTEROFFER via the ***transsell*** template.

d. The Transmission Customer responds to OFFER_PRICE with updated BID_PRICE and sets the STATUS to REBID via the ***transcust*** template for re-evaluation by Seller.

e. The Seller breaks off all further negotiations by setting the STATUS to DECLINED, indicating that the price is unacceptable and that he does not wish to continue negotiations.

~~013-4.1.6.5~~ **Example 6e -** Negotiations Withdrawn by Transmission Customer

a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest***. Initially the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.

c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service.

d. The Seller determines that the BID_PRICE is too low, sets the OFFER_PRICE to his desired value, and sets the STATUS to COUNTEROFFER via the ***transsell*** template.

e. The Transmission Customer responds to the OFFER_PRICE with an updated BID_PRICE and sets the STATUS to REBID for re-evaluation by Seller.

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f. The Seller determines that the BID_PRICE is still too low, sets the OFFER_PRICE to another value, and sets STATUS to COUNTEROFFER via the ***transsell*** template.

g. The Transmission Customer breaks off all further negotiations, either because the OFFER_PRICE or CAPACITY_GRANTED are unacceptable, by setting STATUS to WITHDRAWN (or the Transmission Customer/Seller could go through additional iterations of REBID/COUNTEROFFER until negotiations are broken off or the reservation is confirmed).

~~013-4.1.6.6~~ **Example 6d -** Negotiations Superseded by Higher Priority Reservation

a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.

c. If the Seller determines that another reservation has higher priority and must displace this request, he sets the STATUS of this request to SUPERSEDED and the negotiations are terminated.

d. However, if desired and permitted by the tariff, the Seller may set the STATUS of a request in any of these previous states (including COUNTEROFFER and ACCEPTED) to COUNTEROFFER with an OFFER_PRICE which could avoid the request being superseded, thus allowing the Transmission Customer the choice of being SUPERSEDED or accepting the proposed OFFER_PRICE.

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~~013-4.1.7~~ **Example 7 - Audit Template examples**

The following examples are included to show the general type of audit report responses that could be expected to be returned by implementations of the audit reporting templates as documented above.

~~013-4.1.7.1~~ **Example 7a -** Offerings

The following is an example of a hypothetical audit query for DAILY NON_FIRM PTP offerings to the "DDD" POD for Monday August 17, 2007 (line breaks and indentations added to improve readability):

Response:

REQUEST_STATUS=200 ↵
ERROR_MESSAGE= ↵
TIME_STAMP=20070821091601ES↵
VERSION=1.5 ↵
TEMPLATE=transofferingaudit ↵
OUTPUT_FORMAT=DATA ↵
PRIMARY_PROVIDER_CODE=WXYZ ↵
PRIMARY_PROVIDER_DUNS=78912345 ↵
RETURN_TZ=ES ↵
DATA_ROWS=14 ↵
COLUMN_HEADERS=RECORD_TYPE, TIME_OF_LAST_UPDATE, MODIFYING_COMPANY_CODE, MODIFYING_NAME, TIME_OF_LAST_UPDATE, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DEL IVERY, INTERFACE_TYPE, OFFER_START_TIME, OFFER_STOP_TIME, START_TIME, STOP_TIME, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, SALE_REF, POSTING_REF, CEILING_PRICE, OFFER_PRICE, PRICE_UNITS, SERVICE_DESCRIPTION, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, SELLER_COMMENTS , OFFER_INCREMENT ↵
U, 20070815131756ES, WXYZ, Jane Doe, 20070815131756ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,800, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com , , DAILY ↵

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U, 20070815124022ES, WXYZ, Jane Doe, 20070815124022ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,850, DAILY, NON-FIRM, POINT_TO_ POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, , DAILY ↵
U, 20070814120018ES, WXYZ, Joe Smith, 20070814120018ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,850, DAILY, NON-FIRM, POINT_TO_ POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵
I, 20070813171204ES, WXYZ, Supervisor, 20070813171204ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,850, DAILY, NON-FIRM, POINT_TO _POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,95, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵
U, 20070815124022ES, WXYZ, Jane Doe, 20070815124022ES, WXYZ,78912345, X/WXYZ/BBB-DDD//, BBB, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,1200, DAILY, NON-FIRM, POINT_TO_ POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48783,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com , , DAILY ↵
U, 20070814120022ES, WXYZ, Joe Smith, 20070814120022ES, WXYZ,78912345, X/WXYZ/BBB-DDD//, BBB, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,1200, DAILY, NON-FIRM, POINT_TO_ POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48783,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵
I, 20070813171210ES, WXYZ, Supervisor, 20070813171210ES, WXYZ,78912345, X/WXYZ/BBB-DDD//, BBB, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,1200, DAILY, NON-FIRM, POINT_TO_ POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48783,102,95, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵
U, 20070816101000ES, WXYZ, Supervisor, 20070816101000ES, WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,85, DAILY, NON-FIRM, POINT_TO_PO INT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48820,102,102, $/MW-Day,,3,, Supervisor, 123-456-7810, 123-456-7801,, , DAILY ↵
U, 20070814143807ES, WXYZ, Supervisor, 20070814143807ES, WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,90, DAILY,

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NON-FIRM, POINT_TO_PO INT, FULL_PERIOD, FIXED,,
SC:M;RF:M,,48820,102,102, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵
U, 20070814120023ES, WXYZ, Joe Smith, 20070814120023ES,
WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES,
20070817000000ES, 20070817000000ES, 20070818000000ES,110, DAILY,
NON-FIRM, POINT_TO_P OINT, FULL_PERIOD, FIXED,,
SC:M;RF:M,,48820,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵
I, 20070813171214ES, WXYZ, Supervisor, 20070813171214ES,
WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES,
20070817000000ES, 20070817000000ES, 20070818000000ES,110, DAILY,
NON-FIRM, POINT_TO_P OINT, FULL_PERIOD, FIXED,,
SC:M;RF:M,,48820,102,95, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵
U, 20070815124023ES, WXYZ, Jane Doe, 20070815124023ES,
WXYZ,78912345, X/WXYZ/WXYZ-DDD//, WXYZ, DDD, E,
20070814000000ES, 20070817000000ES, 20070817000000ES,
20070818000000ES,340, DAILY, NON-FIRM, POINT_T O_POINT,
FULL_PERIOD, FIXED,, SC:M;RF:M,,48855,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com , , DAILY ↵
U, 20070814120023ES, WXYZ, Joe Smith, 20070814120023ES,
WXYZ,78912345, X/WXYZ/WXYZ-DDD//, WXYZ, DDD, E,
20070814000000ES, 20070817000000ES, 20070817000000ES,
20070818000000ES,340, DAILY, NON-FIRM, POINT_T O_POINT,
FULL_PERIOD, FIXED,, SC:M;RF:M,,48855,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵
I, 20070813171222ES, WXYZ, Supervisor, 20070813171222ES,
WXYZ,78912345, X/WXYZ/WXYZ-DDD//, WXYZ, DDD, E,
20070814000000ES, 20070817000000ES, 20070817000000ES,
20070818000000ES,340, DAILY, NON-FIRM, POINT_T O_POINT,
FULL_PERIOD, FIXED,, SC:M;RF:M,,48855,102,95, $/MW-Day,,3,,
Supervisor, 123-456-7890, 123-456-7801,, , DAILY↵

From this audit report, the DAILY NON_FIRM PTP offerings on the four paths to "DDD" (AAA-DDD, BBB-DDD, CCC-DDD, and WXYZ-DDD) were all originally posted by WXYZ's "Supervisor" at approximately 17:12 on August 13, 2007, at a price of $95.00/MWday discounted from a ceiling price of $102.00/MWday.
At approximately 12:00 on August 14, 2007, Joe Smith changed the offer price to $90.00/MWday on all four paths.

At 14:14 on August 14, 2007, "Supervisor" adjusted the capacity available on path X/WXYZ/CCC-DDD// to 90 MW (POSTING_REF = 48820) and set the offer price up to match the tariff ceiling rate (presumably due to the path now

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being constrained and released from the requirement to have discounted service offered at the same rate as all other unconstrained paths to DDD). Capacity on this path was last updated to a value of 85 MW at 10:10 on August 16, 2007, which is the current information posted on OASIS for this path at the time of the query.

Jane Doe adjusted the price on the three presumably unconstrained paths to DDD at 12:40 on August 15, 2007, to $85.00/MWday, which may have been in response to a negotiation for service on one of these paths. No further updates have occurred to the offerings on paths BBB-DDD and WXYZ-DDD since that time.

Finally, the capacity available on path X/WXYZ/AAA-DDD// was updated by Jane Doe from 850 to 800 MW at 13:17 on August 15, 2007, which may have corresponded with final confirmation of a reservation at a negotiated discount by the Transmission Customer that initiated the price change from $90.00/MWday to $85.00/MWday.

~~013-4.1.7.2~~ **Example 7b -** Reservations

The following is an example of a hypothetical audit query for a specific Transmission Service reservation (line breaks and indentations added to improve readability):

Response:

REQUEST_STATUS=200↵
ERROR_MESSAGE=↵
TIME_STAMP=19980821092048ES↵
VERSION=1.5↵
TEMPLATE=transstatusaudit↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=WXYZ↵
PRIMARY_PROVIDER_DUNS=78912345↵
RETURN_TZ=ES↵
DATA_ROWS=15↵
COLUMN_HEADERS=RECORD_TYPE, TIME_OF_UPDATE,
MODIFYING_COMPANY_CODE, MODIFYING_NAME,
CONTINUATION_FLAG, ASSIGNMENT_REF, SELLER_CODE,
SELLER_DUNS, CUSTOMER_CODE, CUSTOMER_DUNS,
AFFILIATE_FLAG, PATH_NAME, POINT_OF_RECEIPT,
POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED,
CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE,
TS_PERIOD, TS_WINDOW, TS_SUBCLASS,

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NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, START_TIME, STOP_TIME, CEILING_PRICE, OFFER_PRICE, BID_PRICE, PRICE_UNITS, PRECONFIRMED, ANC_SVC_LINK, ANC _SVC_REQ, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, IMPACTED, COMPETING_REQUEST_FLAG, REQUEST_TYPE, RELATED_REF, NEGOTIATED_PRICE_FLAG, STATUS, STATUS_NOTIFICATION, STATUS_COMMENTS, TIME_QUEUED, RESPONSE_TIME_LIMIT, TIME_OF_LAST_UPDATE, PRIMARY_PROVIDER_COMMENTS, SELLER_REF, SELLER_COMMENTS, CUSTOMER_COMMENTS, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, CUSTOMER_NAME, CUSTOMER_PHONE, CUSTOMER_FAX, CUSTOMER_EMAIL, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME, REASSIGNED_STOP_TIME, PRIMARY_PROVIDER_APPROVAL, PRIMARY_PROVIDER_PROVISIONS, ROLLOVER_WAIVED↵
U, 20070815131629ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,85,85, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, L, CONFIRMED, , , 20070815121510ES, 20070815144100ES, 20070815131629ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-9100, a .trader@defmarketing.com, , , , ,,, ↵
U,,,, Y,104392,,,,,,,,,,75,75,,,,,,,,, 20070818000000ES, 20070819000000ES,,85,85,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,100,100,,,,,,,,, 20070819000000ES, 20070820000000ES,,85,85,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U, 20070815125042ES, WXYZ, Jane Doe, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,85,82, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, L, COUNTEROFFER, , , 20070815121510ES, 20070815144100 ES, 20070815125042ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-910 0, a.trader@defmarketing.com, , , , ,,, ↵
U,,,, Y,104392,,,,,,,,,,75,75,,,,,,,,, 20070818000000ES, 20070819000000ES,,85,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,100,100,,,,,,,,, 20070819000000ES, 20070820000000ES,,85,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U, 20070815124811ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,90,82, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, , REBID, , , 20070815121510ES,

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20070815144100ES, 20070 815124811ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-9100, a.trader @defmarketing.com,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,75,75,,,,,,,, 20070818000000ES, 20070819000000ES,,90,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,100,100,,,,,,,, 20070819000000ES, 20070820000000ES,,90,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U, 20070815124100ES, WXYZ, Jane Doe, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,90,80, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, , COUNTEROFFER, , , 20070815121510ES, 20070815144100 ES, 20070815124100ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-910 0, a.trader@defmarketing.com,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,75,75,,,,,,,, 20070818000000ES, 20070819000000ES,,90,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,100,100,,,,,,,, 20070819000000ES, 20070820000000ES,,90,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
I, 20070815121510ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,,80, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, , QUEUED, , , 20070815121510ES, , 20070815121510ES, ,, , , Company Default, 123-456-7800, 123-456-7801, , Alan Trader, 312-678-9104, 312-678-9100, a.trader@defmarketing.com,,,,,,, ↵
I,,,, Y,104392,,,,,,,,,,75,,,,,,,,,, 20070818000000ES, 20070819000000ES,,,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
I,,,, Y,104392,,,,,,,,,,100,,,,,,,,,, 20070819000000ES, 20070820000000ES,,,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵

First, this example shows the handling of continuation records which conveyed a time varying demand of 50 MW on August 1, 2007, 75 MW on August 18, 2007, and 100 MW on August 19, 2007. This demand profile was initially entered with the original reservation request (***transrequest*** template) at 12:15 on August 15, 2007, by Alan Trader.

As part of the original reservation, Alan Trader attempted to negotiate a price for service of $80./MWday. Jane Doe responded to this request with a counter offer at the non-negotiated rate of $90./mwday at 12:41 on August 15, 2007. The RESPONSE_TIME_LIMIT Data Element has been updated to reflect the time by which the Transmission Customer must confirm service

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At 12:48, Alan Trader attempted to negotiate further for a rate of $82.00 /MWday and the reservation status was set to REBID. Jane Doe responded at 12:50 with a second counter offer restating a negotiated rate of $85.00/MWday, which Alan Trader finally agreed to at 13:16 on August 15, 2007. The current posted information on OASIS would show this final confirmed reservation.

~~013-4.1.8~~ **Example 8 - Reservation Reductions**

The following is an example of the ***reduction*** template response format for a reservation, 123456, for one day of service at 50 MWs. Assume that 1) the Transmission Customer has redirected 20 MWs for that day on reservation 987654, 2) resold 10 MWs during the off-peak hours on reservation 345678, and 3) had service starting at 16:00 reduced in priority for two hours.

Response:

REQUEST_STATUS=200↵
ERROR_MESSAGE=↵
TIME_STAMP=20070207091601ES↵
VERSION=1.5↵
TEMPLATE=reduction↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=WXYZ↵
PRIMARY_PROVIDER_DUNS=78912345↵
RETURN_TZ=ES↵
DATA_ROWS=13↵
COLUMN_HEADERS=CONTINUATION_FLAG, ASSIGNMENT_REF, CAPACITY_GRANTED, CAPACITY_AVAILABLE, START_TIME, STOP_TIME, REDUCTION_TYPE, REDUCTION_REASON, IMPACTING_REF, CAPACITY_REDUCED, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY↵
N,1234567,50,20, 20070206000000ES, 20070206070000ES,,,,, , ↵
Y,1234567,,,,, REDIRECT,,987654,-20, , ↵
Y,1234567,,,,, RESALE,,345678,-10, , ↵
N,1234567,50,30, 20070206070000ES, 20070206160000ES,,,,, , ↵
Y,1234567,,,,, REDIRECT,,987654,-20, , ↵
N,1234567,50,30, 20070206160000ES, 20070206180000ES,,,,, , ↵
Y,1234567,,,,, REDIRECT,,987654,-20, , ↵
Y,1234567,,,,, CONDITIONAL_EVENT, OSL violation on line xyz,,30,6, ↵
N,1234567,50,30, 20070206180000ES, 20070206230000ES,,,,, , ↵
Y,1234567,,,,, REDIRECT,,987654,-20, , ↵
N,1234567,50,20, 20070206230000ES, 20070207000000ES,,,,, , ↵
Y,1234567,,,,, REDIRECT,,987654,-20, , ↵
Y,1234567,,,,, RESALE,,345678,-10, , ↵

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: **WEQ**
Requesters: **OASIS Subcommittee**
Request No.: **2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005**
Request Title: **Make consistency changes to Version 2.2**

~~013-4.2~~ **Example 9 -** ANCILLARY SERVICE LINKAGE EXAMPLES

The following examples document the handling of ancillary service linkage to Transmission Service requests/reservations using the ANC_SVC_LINK Data Element.

Example ~~1~~9a:

Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU are required, but will be defined at a future time.

"SC: (TPEL:RQ); RV: (TPEL:RQ); RF:(:FT); EI:(:FT); SP:(:FT); SU:(:FT)";

Example ~~2~~9b:

Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and RF, EI, SP and SU are self-supplied. The CUSTOMER_CODE is "CPSE"

"SC: (TPEL:RQ); RV: (TPEL:RQ); RF:(CPSE:SP); EI:(CPSE:SP);
SP:(CPSE:SP); SU:(CPSE:SP)"

Example ~~3~~9c:

Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU were purchased via a prior OASIS reservation from Seller "SANC" whose reservation number was "39843". There is sufficient capacity within the Ancillary reservation to handle this Transmission Service reservation.

"SC:(TPEL:RQ); RV:(TPEL:RQ); RF:(SANC:AR:39843);
EI:(SANC:AR:39843) SP:(SANC:AR:39843); SU:(SANC:AR:39843)"

Example ~~4~~9d:

Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU were purchased via prior OASIS reservations from Sellers SANC and TANC, whose reservation numbers where 8763 and 9824 respectively. There is not sufficient capacity within the ancillary reservation from Seller SANC to handle this Transmission Service reservation. In this case the OASIS reservation number 8763 will be depleted for the time frame specified within the Transmission

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: WEQ
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Service reservation and the remaining required amount will come from reservation number 9824.

"SC:(TPEL:RQ); RV:(TPEL:RQ); RF:((SANC:AR:8763)(TANC:AR:9824));
EI:((SANC:AR:8763)(TANC:AR:9824));
SP:((SANC:AR:8763)(TANC:AR:9824));
SU:((SANC:AR:8763)(TANC:AR:9824))"

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
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Request No.: 2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005
Request Title: Make consistency changes to Version 2.2

Example ~~5~~9e:

Assume a Transmission Service reservation in the amount of $100.00/MWhour for a period of one day is made. Ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU were purchased via prior OASIS reservations from Sellers SANC and TANC, whose reservation numbers where 8763 and 9824 respectively. There is sufficient capacity within the ancillary reservation from Seller SANC to handle this Transmission Service reservation, however the purchaser wishes to use only 40 MWs from this Seller. In this case the OASIS reservation number 8763 will be depleted in the amount of 40 MWs for the time frame specified within the Transmission Service reservation and the remaining required amount will come from reservation number 9824.

"SC:(TPEL:RQ); RV:(TPEL:RQ); RF:((SANC:AR:8763:40)(TANC:AR:9824));
EI:((SANC:AR:8763:40)(TANC:AR:9824));
SP:((SANC:AR:8763:40)(TANC:AR:9824));
SU:((SANC:AR:8763:40)(TANC:AR:9824))"

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: WEQ
Requesters: OASIS Subcommittee
Request No.: 2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005
Request Title: Make consistency changes to Version 2.2

4. SUPPORTING DOCUMENTATION

a. Description of Request:

5 Maintain existing body of Version 2.x standards

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)

R08001

Consistency changes to WEQ-001, which were presented to the WEQ Leadership Team on December 12, 2007:

- **Introduction – Add an introductory paragraph which briefly describes the purposes of the business practice.**
- **Applicability – After the Introduction section, add an Applicability section and list the entities that are impacted by this business practice.**
- **Section 2.5 (Ancillary Services Definitions and Other Services Definitions) should be moved to Definitions of Terms.**
- **Section 2.6.1 and Section 2.6.2 should be moved to Definition of Terms. Section WEQ 001-2.6 should be marked as "Reserved."**

R08002

Consistency changes to WEQ-002, which were presented to the WEQ Leadership Team on December 12, 2007:

- **Introduction – Add an introductory paragraph which briefly describes the purposes of the business practice.**
- **Applicability – After the Introduction section, add an Applicability section and list the entities that are impacted by this business practice.**

R08003

Consistency changes to WEQ-003, which were presented to the WEQ Leadership Team on December 12, 2007:

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: WEQ
Requesters: OASIS Subcommittee
Request No.: 2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005
Request Title: Make consistency changes to Version 2.2

- **Introduction – At the beginning of the document add an Introduction section including a paragraph, which briefly describes the purposes of the business practice.**
- **Applicability – After the Introduction section, add an Applicability section and list the entities that are impacted by this business practice.**

R08005

Consistency changes to WEQ-013, which were presented to the WEQ Leadership Team on December 12, 2007:

- **Applicability – After the Introduction section, add an Applicability section and list the entities that are impacted by this business practice.**
- **Move section WEQ 013-4 and its subsections to an appendix. This will enable the document to be expanded in the future and maintain all the examples in a single location.**

b. Description of Recommendation:

See Section 3 Summary

c. Business Purpose:

Implementation of FERC Orders 890, 890-A, 890-B and 890-C.

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

NAESB will need to add appropriate links to this section.

- Meeting Minutes
  - July 25-26, 2011
  - August 2-4, 2011

FORMAL COMMENTS

Quadrant:	Wholesale Electric Quadrant
Recommendation:	**Number:** 2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005 **Title:** Make consistency changes to Version 2.2
Submitted By:	Standards Review Subcommittee
Date:	September 6, 2011

Under the Standards Review Subcommittee (SRS) Scope of Work, which was approved by the SRS on May 18, 2010, the SRS agreed to review recommendations and if subcommittee deemed appropriate, they would submit advisory comments to the Executive Committee (EC) 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."

General Comments

- It is unclear why the list of entities in the Applicability section are different between WEQ-001, WEQ-002, WEQ-003 and WEQ-013. WEQ-001 are the business practices for OASIS, WEQ-002 contain the templates, and WEQ-013 are the implementation rules for using the templates. Should the entities implementing OASIS be different from the entities using the templates?
- The Recommendation needs to consider that the Service Across Multiple Transmission Systems (SAMTS) Recommendation has been ratified. Additional consistency changes are needed, which are documented under the WEQ-013 comments.

WEQ-001

- Introduction
    - In the Glossary Final Action there was a determination that Primary Provider would not be used. Instead Transmission Provider should be used. References to Primary Provider should be changed to Transmission Provider.
    - In the Glossary Final Action there was a determination that tariff would not be a defined term. Tariff needs to be lower case or it needs to be defined in WEQ-000.

WEQ-002

- Introduction
    - Same comments for WEQ-001 apply.
    - The entire text for this section should appear as redlines since the text is new.

WEQ-003

- Introduction
    - Same comments for WEQ-002 apply.

- Applicability
    - The Applicability section should be the list of entities for which the Business Practice Standards apply. It should be the same list of entities documented in WEQ-002.

WEQ-013

- Applicability
    - Same comments for WEQ-001 apply.
- WEQ-013-2.6.9 will need to have the reference updated to the appropriate example. This change results from the SAMTS Final Action.
- WEQ-013-4.1.9 will need to be marked as Reserved, and the example should be moved to WEQ-013.x. This change results from the SAMTS Final Action.
- WEQ-013-x (Example 5)
    - In Example 5a ROLLOVER_WAIVED should not be underlined.
    - In Example 5d ROLLOVER_WAIVED and Transmission Provider should not be underlined.
- WEQ-013-x (Example 6)
    - The second occurrence of Example 6d “Negotiations Superseded by Higher Priority Reservation” should be Example 6f.
    - Examples 6a through 6f need to be updated to include changes from the SAMTS Final Action.

ENTERGY FORMAL COMMENTS

WEQ 2011 Annual Plan No. 5(a)
And
WEQ Request Nos. 08001, 08002, 08003, and 08005

Ed Davis
September 8, 2011

This draft standard contains the term “waivers from FERC” in many locations.

However, in some locations only the word “waivers” appears. In these locations we suggest changing the word “waivers” to “waivers from FERC” in each location.

FORMAL COMMENTS

Quadrant:	Wholesale Electric Quadrant
Recommendation:	**Number:** 2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005 **Title:** Make consistency changes to Version 2.2
Submitted By:	IESO, ISO New England, MISO, PJM, and SPP
Date:	September 8, 2011

The parties listed above are submitted these formal comments for the Executive Committee to consider before taking action to approve the "Make consistency changes to Version 2.2.

General Comments

- It is unclear why the list of entities in the Applicability section are different between WEQ-001, WEQ-002, WEQ-003 and WEQ-013. WEQ-001 are the business practices for OASIS, WEQ-002 contain the templates, and WEQ-013 are the implementation rules for using the templates. It is not apparent why entities implementing OASIS requirements would be different from the entities using the templates.
    - The WEQ 001 Applicability section includes ISO, Load Serving Entity (LSE), and RTO which are not included in other OASIS Standards.
    - The WEQ-002 Applicability section includes TSIP which is not included in other OASIS standards (EBS)
    - Currently the Applicability section for WEQ-003 states"Applies to all standards that use Data Elements as defined in the OASIS data dictionary." It does not contain the list of entities referenced. (EBS)
    - The WEQ-013 Applicability section includes "Assignee, Seller, OASIS and OASIS Node which are not included in other OASIS Business Practice Standards.
- The Recommendation needs to consider that the Service Across Multiple Transmission Systems (SAMTS) Recommendation has been ratified. Additional consistency changes are needed, which are documented under WEQ-013 comments.

WEQ-001

- Introduction
    - In the Glossary Final Action there was a determination that Primary Provider would not be used. Instead Transmission Provider should be used. References to Primary Provider should be change to Transmission Provider.
    - In the Glossary Final Action there was a determination that tariff would not be a defined term. Tariff needs to be lower case or it needs to be defined in WEQ-000.

WEQ-002

- Introduction
    - Same comments for WEQ-001 apply.
    - The entire text for this section should appear as redlines since the text is new.

WEQ-003

- Introduction
    - Same comments for WEQ-002 apply.
- Applicability
    - The Applicability section should be the list of entities for which the Business Practice Standards apply. It should be the same list of entities documented in WEQ-002.

WEQ-013

- Applicability
    - Same comments for WEQ-001 apply.
- WEQ-013-2.6.9 will need to have the reference updated to the appropriate example number. This is from the SAMTS Final Action.
- WEQ-013-4.1.9 will need to be marked as Reserved, and the example should be moved to WEQ-013.x. This is from the SAMTS Final Action.
- WEQ-013.x
    - Recommend deleting the language “Examples 1 through 9”. There is no need for the language. If it is kept in the Business Practice Standard, it will need to be updated everytime a new example is added. Over time, it will most likely get out of sync with the number of examples included in the section.
- WEQ-013-x (Example 5)
    - In example 5a ROLLOVER_WAIVED should not be underlined.
    - In Example 5d ROLLOVER_WAIVED and Transmission Provider should not be underlined.
- WEQ-013-x (Example 6)
    - The second occurrence of Example 6d “Negotiations Superseded by Higher Priority Reservation” should be Example 6f.
    - Examples 6a through 6f need to be updated to include changes from SAMTS Final Action.

FORMAL COMMENTS (LATE)

Quadrant:	Wholesale Electric Quadrant
Recommendations:	2011 AP Item 5.a / R08001 / R08002 / R08003 / R08005 – Make consistency changes to Version 2.2
Submitted By:	WEQ OS Co-Chairs (JT Wood, Alan Pritchard, and Paul Sorenson) on behalf of the WEQ OS
Date:	October 3, 2011

On behalf of the WEQ OASIS Subcommittee the co-chairs are providing the WEQ Executive Committee these late comments for consideration based on the subcommittee's review on September 27, 2011 of the formal comments submitted for 2011 AP Item 5.a / R08001 / R08002 / R08003 / R08005 – Make consistency changes to Version 2.2.

The submitted comments from the SRS did contain recommended changes. After reviewing the SRS comments the OS submits these proposed changes (attached below) for consideration based on these submitted comments.

The submitted comments from Entergy did contain recommended changes. After reviewing the proposed language submitted from Entergy the OS did not see the term "waivers from FERC" in the recommendation. If the EC does make changes in reference to this term the OS suggests that the term be "waivers from the Commission".

The submitted comments from IESO, ISO New England, MISO, PJM, and SPP did contain recommended changes. After reviewing the group comments the OS submits these proposed changes (attached below) for consideration based on these submitted comments.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **WEQ**
Requesters: **OASIS Subcommittee**
Request No.: **2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005**
Request Title: **Make consistency changes to Version 2.2**

1. RECOMMENDED ACTION:

X	Accept as requested
	Accept as modified below
	Decline

EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:

X	Change to Existing Practice
	Status Quo

2. TYPE OF DEVELOPMENT/MAINTENANCE

Per Request:		**Per Recommendation:**	
X	Initiation	X	Initiation
X	Modification	X	Modification
	Interpretation		Interpretation
	Withdrawal		Withdrawal
X	Principle	X	Principle
X	Definition	X	Definition
X	Business Practice Standard	X	Business Practice Standard
X	Document	X	Document
X	Data Element	X	Data Element
X	Code Value	X	Code Value
	X12 Implementation Guide		X12 Implementation Guide
X	Business Process Documentation	X	Business Process Documentation

3. RECOMMENDATION

SUMMARY:

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) with the following exceptions:

Recommendation #	Description	Response
R08001	Section 2.5 (Ancillary Services Definitions and Other Services Definitions) should be moved to Definitions of Terms	Definitions of Terms does not include Data Element definitions. No change needed.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: WEQ
Requesters: OASIS Subcommittee
Request No.: 2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005
Request Title: Make consistency changes to Version 2.2

R08001	Section 2.6.1 and Section 2.6.2 should be moved to Definition of Terms. Section WEQ 001-2.6 should be marked as "Reserved."	These are no longer defined terms. No change needed.

RECOMMENDED STANDARDS:

Proposed Revisions to the OASIS (WEQ-001)

Open Access Same-Time Information Systems (OASIS), Business Practice Standards, Version 1.5

Introduction

These OASIS Business Practice Standards specify the general and specific transaction processing requirements and related business processes required for OASIS. In the event of a conflict between these Business Practices Standards and the Transmission~~Primary~~ Provider's ~~T~~tariff, the ~~T~~tariff shall have precedence. A Transmission~~Primary~~ Provider is not obligated to implement a particular requirement in an OASIS Business Practice Standard if the Transmission~~Primary~~ Provider's ~~T~~tariff does not contain the associated provision or the Transmission~~Primary~~ Provider has received a waiver.

Applicability

1) Eligible Transmission Customer including Affiliate, Assignee, Financially Obligated Transmission Customer (FOTC), Native Load Customer, Reseller, Seller, Transmission Customer, Network Customer, and 2) Transmission Provider including ISO, RTO~~Eligible Transmission Customer, ISO, Load Serving Entity (LSE), Network Customer, RTO, Reseller, Transmission Customer, Transmission Provider~~

Proposed Revisions to the OASIS (WEQ-002)

Open Access Same-Time Information Systems (OASIS) Business Practice Standards & Communication Protocols (S&CP), Version 1.5

Introduction

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: WEQ
Requesters: OASIS Subcommittee
Request No.: 2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005
Request Title: Make consistency changes to Version 2.2

This OASIS S&CP establishes technical standards for OASIS. In the event of a conflict between these Business Practices Standards and the TransmissionPrimary Provider's Ttariff, the Ttariff shall have precedence. A TransmissionPrimary Provider is not obligated to implement a particular requirement in an OASIS S&CP Business Practice Standard if the TransmissionPrimary Provider's Ttariff does not contain the associated provision or the TransmissionPrimary Provider has received a waiver.

Applicability

1) Eligible Transmission Customer including Affiliate, Assignee, Financially Obligated Transmission Customer (FOTC), Native Load Customer, Reseller, Seller, Transmission Customer, Network Customer, and 2) Transmission Provider including ISO, RTO~~OASIS, OASIS Node, Seller, Transmission Customer, Transmission Provider, Transmission Service Information Provider (TSIP)~~

002-4.2.12 Linking of Ancillary Services to Transmission Services

Examples for the handling of ancillary service linkage to Transmission Service requests/reservations are presented in Business Practice Standard WEQ-013-x~~4.2~~.

002-4.4 FILE REQUEST AND FILE DOWNLOAD EXAMPLES

See the Business Practice Standard WEQ-013-x~~4.1~~.

Proposed Revisions to the OASIS (WEQ-003)

Open Access Same-Time Information Systems (OASIS) Data Dictionary, Version 1.5

Introduction

This OASIS Data Dictionary establishes Data Element specifications for OASIS. In the event of a conflict between these Business Practices Standards and the TransmissionPrimary Provider's Ttariff, the Ttariff shall have precedence. A TransmissionPrimary Provider is not obligated to implement a particular requirement in an OASIS Data Dictionary Business Practice Standard if the TransmissionPrimary Provider's Ttariff does not contain the associated provision or the TransmissonPrimary Provider has received a waiver.

Applicability

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: **WEQ**
Requesters: **OASIS Subcommittee**
Request No.: **2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005**
Request Title: **Make consistency changes to Version 2.2**

1) Eligible Transmission Customer including Affiliate, Assignee, Financially Obligated Transmission Customer (FOTC), Native Load Customer, Reseller, Seller, Transmission Customer, Network Customer, and 2) Transmission Provider including ISO, RTO~~Applies to all standards that use Data Elements as defined in the OASIS Data Dictionary~~.

Proposed Revisions to the OASIS (WEQ-013)

Open Access Same-Time Information Systems (OASIS) Implementation Guide, Version 1.5

Introduction

This OASIS Implementation Guide establishes general and specific transaction processing requirements and related business processes required for OASIS. The technical standards for OASIS are defined in Business Practice Standards WEQ-002 and WEQ-003, and the companion Business Practice Standards are defined in Business Practice Standards WEQ-001.

In the event of a conflict between a Transmission Provider's tariff, applicable Business Practices, and this OASIS Implementation Guide, the tariff shall take precedence over all, and Business Practices shall take precedence over this document. A Transmission Provider is not obligated to implement a particular requirement in this OASIS Implementation Guide if the Transmission Provider's tariff does not contain the associated provision or the Transmission Provider has received a waiver.

This version of the OASIS Implementation Guide corresponds to the Business Practice Standard WEQ-002.

Applicability

1) Eligible Transmission Customer including Affiliate, Assignee, Financially Obligated Transmission Customer (FOTC), Native Load Customer, Reseller, Seller, Transmission Customer, Network Customer, and 2) Transmission Provider including ISO, RTO~~Assignee, Eligible Transmission Customer, ISO, Network Customer, OASIS, OASIS Node, RTO, Reseller, Seller, Transmission Customer, Transmission Provider~~

013-2.6.9 Coordinated Requests

A process flow example for service across multiple transmission systems is included in WEQ-013-x~~4.1.9~~.

013-3.8 ***reduction***

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: WEQ
Requesters: OASIS Subcommittee
Request No.: 2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005
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An example of the reduction template response is provided in Business Practice Standard WEQ-013-x~~4.1.8~~.

013-4 RESERVED~~**EXAMPLE IMPLEMENTATION**~~

013-4.1 RESERVED~~FILE REQUEST AND FILE DOWNLOAD EXAMPLES~~

~~The following Business Practice Standards WEQ-013-4.1.1 through WEQ-013-4.1.8 provide examples for the implementation of file request and download interactions that must be supported by OASIS. In these examples, the end-of-line (eol) character is represented by the character," ↵ ". This symbol may appear different on displays or printouts. Note that any leading or trailing spaces within each Data Record shown were inserted to facilitate word-wrapping of long records and must not appear in the actual formatted data files returned by OASIS unless they are contained within double quotes.~~

013-4.1.1 RESERVED~~**File Example for Hourly Offering**~~

~~Example of the request to Transmission Provider, AAA for PATH_NAME "W/AAA/ABC//" for April 10, 2007, from 8 a.m. to 3 p.m. (Note that the PATH_NAME consists of a REGION_CODE, PRIMARY_PROVIDER_CODE, PATH_CODE, and an OPTIONAL_CODE, separated with a slash, "/".)~~

~~The version for this release is 1.5. The request is in the form of a URL query string and the response is an ASCII delimited file. There is also one offer posted by the Reseller "WXYZ" that has posted their weekly scheduling rights for Resale on an HOURLY basis.~~

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: WEQ
Requesters: OASIS Subcommittee
Request No.: 2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005
Request Title: Make consistency changes to Version 2.2

~~**1. Query**~~

~~http://(OASIS Node name)/OASIS/AAA/data/transoffering?ver=1.5&templ=transoffering& fmt=data&pprov=AAA&pprovduns=123456789& path=W/AAA/ABC//& servincre=hourly&TSCLASS1=firm &TSCLASS2=non-firm&tz=PD&stime=20070410080000PD &sptime=20070410150000PD~~

~~**2. Response Data**~~

~~REQUEST-STATUS=200↵ (*Successful*)
TIME_STAMP=20070409113526PD ↵
VERSION=1.5↵
TEMPLATE=transoffering↵
OUTPUT_FORMAT=DATA ↵~~

~~PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
DATA_ROWS=13↵
COLUMN_HEADERS=TIME_OF_LAST_UPDATE, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, OFFER_START_TIME, OFFER_STOP_TIME, START_TIME, STOP_TIME, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, SALE_REF, POSTING_REF, CEILING_PRICE, OFFER_PRICE, PRICE_UNITS, SERVICE_DESCRIPTION, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, SELLER_COMMENTS, OFFER_INCREMENT↵
20070406170000PD, WXYZ,543219876, W/AAA/AAA-ABC//, AAA, ABC, E,,, 20070410000000PD, 20070411000000PD,15, WEEKLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5673,1.5,1.43, $/MW-H,,4,, WXYZ Marketer, 888-789-4321,,, Reselling WEEKLY priority rights, HOURLY↵
20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC, E, 20070402080000PD, 20070410080000PD, 20070410080000PD, 20070410090000PD,50, HOURLY, FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5675,1.5,1.35, $/MW-H,,7,, AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC, E, 20070402080000PD, 20070410080000PD, 20070410080000PD, 20070410090000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,~~

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~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5676,1.5,1.35, $/MW-H,,2,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410090000PD,~~
~~20070410100000PD,50, HOURLY, FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5682,1.5,1.35, $/MW-H,,7,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410090000PD,~~
~~20070410100000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5688,1.5,1.35, $/MW-H,,2,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410100000PD,~~
~~20070410110000PD,0, HOURLY, FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5689,1.5,1.35, $/MW-H,,7,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410100000PD,~~
~~20070410110000PD,275, HOURLY, NON-FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5693,1.5,1.35, $/MW-H,,2,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410110000PD,~~
~~20070410130000PD,0, HOURLY, FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5694,1.5,1.35, $/MW-H,,7,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410110000PD,~~
~~20070410130000PD,150, HOURLY, NON-FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5699,1.5,1.35, $/MW-H,,2,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410130000PD,~~
~~20070410140000PD,25, HOURLY, FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5702,1.5,1.35, $/MW-H,,7,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410130000PD,~~
~~20070410140000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,~~
~~FULL_PERIOD, FIXED,,, SC:M;RV:M;LC:O, ,5703,1.5,1.35, $/MW-H,,2,,~~
~~AAA Provider, 888-321-7654,,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,~~
~~E, 20070402080000PD, 20070410080000PD, 20070410140000PD,~~
~~20070410150000PD,25, HOURLY, FIRM, POINT_TO_POINT,~~

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~~FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5706,1.5,1.35, $/MW-H,,7,, AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵~~
~~20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC, E, 20070402080000PD, 20070410080000PD, 20070410140000PD, 20070410150000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5707,1.5,1.35, $/MW-H,,2,, AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵~~

013-4.1.2 RESERVED~~**File Example for Hourly Schedule Data**~~

~~This example shows a request for the hourly schedule data from Transmission Provider, AAA, related to the Seller, WXYZ, for the period 10 a.m. to 3 p.m. on April 10, 2007.~~

~~There are two identical requests examples using two slightly different methods. The first request is using a HTTP URL request string through an HTML GET method. The second request is a similar example using FETCH_HTTP from a file using a POST method.~~

1. ~~**Query**~~

~~URL Request (HTTP method=GET)~~
~~http://(OASIS Node name)/OASIS/AAA/data/scheduledetail? ver=1.5& pprov=AAA& templ=scheduledetail& fmt=data &pprovduns=123456789 &path=W/AAA/ABC//& seller=WXYZ &por=BBB &pod=CCC& tz=PD& stime=20070410100000PD & sptime=20070410150000PD~~

~~URL Request (HTTP method=POST)~~
~~$ fetch_http http://(OASIS Node name)/OASIS/aaaa/data/OASISdata -f *c:/OASIS/wxyz/upload/infile. txt* Where *in-file.txt* contains the following: ver=1.5& pprov=AAA& templ=scheduledetail& fmt=data &pprovduns=123456789 &path=W/AAA/ABC//& seller=WXYZ &por=BBB &pod=CCC& tz=PD& stime=20070410100000PD & sptime=20070410150000PD~~

2. ~~**Response Data**~~

~~REQUEST_STATUS=200.↵~~
~~ERROR_MESSAGE=No error. ↵~~
~~TIME_STAMP=20070410160523ES ↵~~
~~VERSION=1.5.↵~~
~~TEMPLATE=scheduledetail.↵~~
~~OUTPUT_FORMAT=DATA.↵~~

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~~PRIMARY_PROVIDER_CODE=AAA↵~~
~~PRIMARY_PROVIDER_DUNS=123456789↵~~
~~RETURN_TZ=PD↵~~
~~DATA_ROWS=3↵~~
~~COLUMN_HEADERS=CONTINUATION_FLAG,~~
~~TIME_OF_LAST_UPDATE, SCHEDULE_REF, TRANSACTION_ID,~~
~~TRANSACTION_TYPE, TPSE_CODE, PATH_NAME,~~
~~POINT_OF_RECEIPT, POINT_OF_DELIVERY, GCA_CODE,~~
~~LCA_CODE, SOURCE, SINK, SCHEDULE_PRIORITY, START_TIME,~~
~~STOP_TIME, SCHEDULE_REQUESTED, SCHEDULE_GRANTED,~~
~~ASSIGNMENT_REF, SELLER_CODE, SELLER_DUNS,~~
~~CUSTOMER_CODE, CUSTOMER_DUNS, AFFILIATE_FLAG,~~
~~SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD,~~
~~TS_WINDOW, TS_SUBCLASS, NERC_CURTAILMENT_PRIORITY,~~
~~OTHER_CURTAILMENT_PRIORITY, CAPACITY_USED,~~
~~PROVIDER_ACTION, SCHEDULE_LIMIT, CURTAILMENT_OPTIONS,~~
~~SECURITY_REF, INITIATING_PARTY, RESPONSIBLE_PARTY,~~
~~PROCEDURE_NAME, PROCEDURE_LEVEL, FACILITY_LOCATION,~~
~~FACILITY_NAME, FACILITY_CLASS,~~
~~FACILITY_LIMIT_TYPE,ANNOTATION↵~~
~~N, 20070409030000PD,12345, BBB_MKTATAGCODE_CCC,~~
~~NORMAL, MKTA, W/AAA/ABC//, BBB, CCC,~~
~~BBB,CCC,GENX,LOADY,2-NH, 20070410100000PD,~~
~~20070410110000PD,280,280,856743, WXYZ,987654321,~~
~~MKTA,987654322, N, HOURLY, NON_FIRM, POINT_TO_POINT,~~
~~ON_PEAK, FIXED,,2, ,300,,,,,,,,,,,,↵~~
~~N, 20070409030000PD,12346, BBB_MKTATAGCODE_CCC,~~
~~NORMAL, MKTA, W/AAA/ABC//, BBB, CCC,~~
~~BBB,CCC,GENX,LOADY,2-NH, 20070410110000PD,~~
~~20070410140000PD,295,295,856743, WXYZ,987654321,~~
~~MKTA,987654322, N, HOURLY, NON_FIRM, POINT_TO_POINT,~~
~~ON_PEAK, FIXED,,2, ,300,,,,,,,,,,,,↵~~
~~N, 20070409030000PD,12347, BBB_MKTATAGCODE_CCC,~~
~~DYNAMIC, MKTA, W/AAA/ABC//, BBB, CCC,~~
~~BBB,CCC,GENX,LOADY,2-NH, 20070410140000PD,~~
~~20070410150000PD,300,300,856743, WXYZ,987654321,~~
~~MKTA,987654322, N, HOURLY, NON_FIRM, POINT_TO_POINT,~~
~~ON_PEAK, FIXED,,2, ,300,,,,,,,,,,,,↵~~

013-4.1.3 RESERVED~~**Transmission Customer Posting a Transmission Service Offering**~~

~~This example shows how a Transmission Customer would post for sale the Transmission Service that was purchased previously. The Seller would create~~

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a file and upload the file using the FETCH_HTTP program to send a file to the OASIS Node of the Transmission Provider. This example shows the posting of MONTHLY service offered for Resale on a DAILY increment basis.

1. **Input:**

FETCH_HTTP Command to send posting:
$ fetch_http http:///(OASIS Node name)/OASIS/abcd/data/transrequest -f c:/OASIS/abcd/upload/*post.txt*

Where the file *post.txt* contains:

VERSION=1.5.↵
TEMPLATE=transpost.↵
OUTPUT_FORMAT=DATA.↵
PRIMARY_PROVIDER_CODE=AAA.↵
PRIMARY_PROVIDER_DUNS=123456789.↵
DATA_ROWS=1.↵
COLUMN_HEADERS=PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, START_TIME, STOP_TIME, OFFER_START_TIME, OFFER_STOP_TIME, SALE_REF, OFFER_PRICE, SERVICE_DESCRIPTION, SELLER_COMMENTS, OFFER_INCREMENT
W/AAA/ABC-DEF//,,, E,150, MONTHLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,, 200070410000000PD, 20070414000000PD, 20070402080000PD, 20070410070000PD, A123,0.9,,"As Joe said, ""It is a good buy""", DAILY.↵

2. **Response Data**

REQUEST-STATUS=200.↵ (*Successful*)
TIME_STAMP=20070409113526PD.↵
VERSION=1.5.↵
TEMPLATE=transpost.↵
OUTPUT_FORMAT=DATA.↵
PRIMARY_PROVIDER_CODE=AAA.↵
PRIMARY_PROVIDER_DUNS=123456789.↵
DATA_ROWS=1.↵
COLUMN_HEADERS=RECORD_STATUS, POSTING_REF, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, START_TIME, STOP_TIME, OFFER_START_TIME,

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~~OFFER_STOP_TIME, SALE_REF, OFFER_PRICE, SERVICE_DESCRIPTION, SELLER_COMMENTS, OFFER_INCREMENT, ERROR_MESSAGE.↵~~
~~200,7453255, W/AAA/ABC-DEF//,,, E,150, MONTHLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,, 20070410000000PD, 20070414000000PD, 20070402080000PD, 20070410070000PD, A123,0.9,," As Joe said, ""It is a good buy""", DAILY, No Error.↵~~

013-4.1.4 RESERVED~~**Example of Aggregating Purchased Services for Resale using Reassignment**~~

~~The following examples do not show the complete template information, but only show the values assigned to those Data Elements in the template that are important to the example.~~

~~a. Transmission Customer #1, "BestE" requests the purchase of 20 MW DAILY FIRM PTP for May 7th and 8th for $1.00/MWday from Transmission Provider AAA (***transrequest***).~~

~~TEMPLATE=transrequest~~
~~CUSTOMER_CODE=BestE (Implied by the registered entity submitting the template)~~
~~SELLER_CODE=AAA~~
~~PATH_NAME=W/AAA/AAA-ABC//~~
~~SERVICE_INCREMENT=DAILY~~
~~TS_CLASS=FIRM~~
~~START_TIME=20070507000000000PD~~
~~STOP_TIME=20070509000000PD~~
~~CAPACITY_REQUESTED=20~~
~~BID_PRICE=1.00~~
~~REQUEST_TYPE=ORIGINAL~~

~~The OASIS assigns ASSIGNMENT_REF = 5000 on acknowledgment.~~

~~b. Transmission Customer #1 purchases an additional 70 MW of DAILY FIRM PTP on the same path for May 8th for $1.05/MWday (***transrequest***).~~
~~TEMPLATE=transrequest~~
~~CUSTOMER_CODE=BestE (Implied by the registered entity submitting the template)~~
~~SELLER_CODE=AAA~~
~~PATH_NAME=W/AAA/AAA-ABC//~~
~~SERVICE_INCREMENT=DAILY~~
~~TS_CLASS=FIRM~~
~~START_TIME=20070508000000000PD~~

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~~STOP_TIME=20070509000000PD~~
~~CAPACITY_REQUESTED=70~~
~~BID_PRICE=1.05~~
~~REQUEST_TYPE=ORIGINAL~~
~~The OASIS assigns the ASSIGNMENT_REF=5001 when the request for purchase is made and is shown in the acknowledgment.~~

~~c. Transmission Customer #1 becomes Reseller #1 and posts an offer of Transmission Service of 50 MW of their DAILY FIRM PTP rights purchased above for Resale on an Hourly basis on May 8th from 7 a.m. to 11 p.m. at $.90/MW-hour.~~

~~TEMPLATE=transpost~~
~~SELLER_CODE=BestE (Implied by the registered entity submitting the template)~~
~~PATH_NAME=W/AAA/AAA-ABC//CAPACITY=50~~
~~SERVICE_INCREMENT=DAILY~~
~~TS_CLASS=FIRM~~
~~START_TIME=20070508070000PD~~
~~STOP_TIME=20070508230000PD~~
~~OFFER_INCREMENT=HOURLY~~
~~SALE_REF=BEST 50~~
~~OFFER_PRICE=.90~~
~~SELLER_COMMENTS=aggregating two previous purchases~~

~~d. Transmission Customer #2 "Whlsle" then requests purchase of 35 MW firm from Reseller #1 from 8 a.m. to 5 p.m. for $0.90/MW-hour (***transrequest***).~~

~~TEMPLATE=transrequest~~
~~CUSTOMER_CODE=Whlsle~~
~~SELLER_CODE=BestE (Implied by the registered entity submitting the template)~~
~~PATH_NAME=W/AAA/AAA-ABC//~~
~~TS_CLASS=FIRM~~
~~START_TIME=20070508080000PD~~
~~STOP_TIME=20070508170000PD~~
~~CAPACITY_REQUESTED=35~~
~~BID_PRICE=0.90~~
~~CUSTOMER_COMMENTS=Only need service until 5 p.m.~~
~~REQUEST_TYPE=RESALE~~

~~The OASIS provides the ASSIGNMENT_REF=5002 for this transaction.~~

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e. Seller (Reseller #1) informs the Transmission Provider of the reassignment of the previous Transmission Service rights when the Seller accepts the Transmission Customer purchase request (***transsell***).

TEMPLATE=transsell
SELLER_CODE=BestE (Implied by the registered entity submitting the template)
ASSIGNMENT_REF=5033
START_TIME=20070508080000PD
STOP_TIME=20070508170000PD
CAPACITY_GRANTED=35
OFFER_PRICE=0.90
STATUS=ACCEPTED
REASSIGNED_REF1=5000
REASSIGNED_CAPACITY1=20
REASSIGNED_START_TIME1=20070508080000PD
REASSIGNED_STOP_TIME1=20070508170000PD
REASSIGNED_REF2=5006
REASSIGNED_CAPACITY2=15
REASSIGNED_START_TIME2=20070508080000PD
REASSIGNED_STOP_TIME2=20070508170000PD

Resale Business Practice Standards WEQ-011-11 and WGQ-013-2.6.7 govern what services may be aggregated and offered for Resale. The sum of all REASSIGNED_CAPACITY over time must be sufficient to satisfy the capacity granted in CAPACITY_GRANTED over the interval of START_TIME to STOP_TIME.

013-4.1.5 RESERVED**File Examples of the Use of Continuation Records**

a. Basic Continuation Records

The first example of the use of Continuation Records is for the ***transrequest*** template submitted by a Transmission Customer, "MOP" for purchase of a Transmission Service reservation spanning 16 hours from 06:00 to 22:00 with "ramped" demand at beginning and end of time period. Two additional reservation requests are also submitted in this request prior to and following the profile to demonstrate the handling of ASSIGNMENT_REF by the OASIS Node. The last request is for a purchase from a Reseller, "EFG".

The OASIS S&CP identifies which Data Elements may appear in continuation records. For profiled request of capacity, the Data Elements START_TIME, STOP_TIME, CAPACITY_REQUESTED, and BID_PRICE

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~~are repeated in continuation records to define each segment of the profiled requests. Specification of any values corresponding to COLUMN_HEADERs that are not specified as being allowed in continuation records will be ignored, however commas must be included to properly align the Data Elements associated with each continuation record.~~

~~**Input:**~~

~~VERSION=1.5↵
TEMPLATE=transrequest↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=7↵
COLUMN_HEADERS=CONTINUATION_FLAG, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK,CAPACITY_REQUESTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, STATUS_NOTIFICATION, START_TIME, STOP_TIME, BID_PRICE, PRECONFIRMED, ANC_SVC_LINK, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, CUSTOMER_COMMENTS,REQUEST_TYPE,RELATED_REF, ROLLOVER_WAIVED↵
N, AAA,123456789, X/AEF/CEF-ECS//, CEF, ECS,,,35, DAILY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,, /AAA/incoming?ref=R765, 20070423000000ES, 20070424000000ES,24.5, NO,,,, R765, D123, Standard daily reservation, ORIGINAL,, ↵
N, AAA,123456789,, AEF, MPO,,,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, /AAA/incoming?ref=R766, 20070423060000ES, 20070423070000ES,2.5, YES,,,, R766, D123, First piece of profile spanning 5 records, ORIGINAL,, ↵
Y,,,,,,,,10,,,,,,,, 20070423070000ES, 20070423080000ES,2.5,,,,,,,,, ↵
Y,,,,,,,,15,,,,,,,, 20070423080000ES, 20070423200000ES,2.5,,,,,,,,, ↵
Y,,,,,,,,10,,,,,,,, 20070423200000ES, 20070423210000ES,2.5,,,,,,,,, ↵
Y,,,,,,,,5,,,,,,,, 20070423210000ES, 20070423220000ES,2.5,,,,,,,,, ↵
N, EFG,678912345, X/AEF/CEF-ECS//, CEF, ECS,,,20,DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,, /AAA/incoming?ref=R767, 20070423040000ES, 20070423160000ES,2, YES,,,, R767, D123, Resale hourly reservation after profiled reservation, RESALE,, ↵~~

~~**Response:**~~

~~REQUEST_STATUS=200↵~~

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~~ERROR_MESSAGE=Success.↵~~
~~TIME_STAMP=20070422160523ES.↵~~
~~VERSION=1.5.↵~~
~~TEMPLATE=transrequest.↵~~
~~OUTPUT_FORMAT=DATA.↵~~
~~PRIMARY_PROVIDER_CODE=AAA.↵~~
~~PRIMARY_PROVIDER_DUNS=123456789.↵~~
~~RETURN_TZ=ES.↵~~
~~DATA_ROWS=7.↵~~
~~COLUMN_HEADERS=RECORD_STATUS, CONTINUATION_FLAG, ASSIGNMENT_REF, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, STATUS_NOTIFICATION, START_TIME, STOP_TIME, BID_PRICE, PRECONFIRMED, ANC_SVC_LINK, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, CUSTOMER_COMMENTS, REQUEST_TYPE, RELATED_REF, ROLLOVER_WAIVED, ERROR_MESSAGE.↵~~
~~200,N,23879032, AAA,123456789, X/AEF/CEF-ECS//, CEF, ECS,,,35, DAILY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,, /AAA/incoming?ref=R765, 20070423000000ES, 20070424000000ES,24.5, NO,,,, R765, D123, Standard daily reservation, ORIGINAL, ,, No Error.↵~~
~~200,N,23879037, AAA,123456789,, AEF, MPO,,,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, /AAA/incoming?ref=R766, 20070423060000ES, 20070423070000ES,2.5, YES,,,, R766, D123, First piece of profile spanning 5 records, ORIGINAL, ,, No Error.↵~~
~~200,Y,23879037,,,,,,,,10,,,,,,, 20070423070000ES, 20070423080000ES,2.5,,,,,,,,, ,, No Error.↵~~
~~200,Y,23879037,,,,,,,,15,,,,,,, 20070423080000ES, 20070423200000ES,2.5,,,,,,,,, ,, No Error.↵~~
~~200,Y,23879037,,,,,,,,10,,,,,,, 20070423200000ES, 20070423210000ES,2.5,,,,,,,,, ,, No Error.↵~~
~~200,Y,23879037,,,,,,,,5,,,,,,,, 20070423210000ES, 20070423220000ES,2.5,,,,,,,,,, No Error.↵~~
~~200,N,23879040, EFG,678912345, X/AEF/CEF-ECS//, CEF, ECS,,,20,DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,, /AAA/incoming?ref=R767, 20070423040000ES, 20070423160000ES,2, YES,,,, R767, D123, Resale hourly reservation after profiled reservation, RESALE, ,, No Error.↵~~

~~b. Submission of Reassignment Information - Case 1:~~

~~In the prior example (last Data Record in ***transrequest***) a Resale reservation request was submitted to the Reseller "EFG" by the~~

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~~Transmission Customer for 20MW of DAILY FIRM PTP scheduling rights from 04:00 to 16:00. Assume that the Reseller has previously reserved service for the CEF-ECS path for DAILY FIRM PTP in amount of 50 MW on 4/23 under ASSIGNMENT_REF=23877019, and another 10 MW on April 23, 2007, under ASSIGNMENT_REF=23877880. Reseller must designate which Transmission Service rights are to be reassigned to Transmission Customer to satisfy the 20MW from 04:00 to 16:00. This reassignment information is conveyed by Reseller using the ***transsell*** template when the reservation request is accepted. At the Seller's discretion, rights are assigned for the first four hours of the Resale from the first reservation (ASSIGNMENT_REF=23877019). The balance of the Resale is supported by 10 MWs from the second reservation first (ASSIGNMENT_REF=23877880) with the balance taken up by the first reservation (ASSIGNMENT_REF=23877019). This split of reassignment information is conveyed in "continuation" records via the ***transsell*** template Data Elements REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME, and REASSIGNED_STOP_TIME.~~

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~~**Input:**~~

~~VERSION=1.5↵~~
~~TEMPLATE=transsell↵~~
~~OUTPUT_FORMAT=DATA↵~~
~~PRIMARY_PROVIDER_CODE=AAA↵~~
~~PRIMARY_PROVIDER_DUNS=123456789↵~~
~~RETURN_TZ=ES↵~~
~~DATA_ROWS=3↵~~
~~COLUMN_HEADERS=CONTINUATION_FLAG, ASSIGNMENT_REF, START_TIME, STOP_TIME, OFFER_PRICE, CAPACITY_GRANTED, STATUS, STATUS_COMMENTS, ANC_SVC_LINK, ANC_SVC_REQ, COMPETING_REQUEST_FLAG, NEGOTIATED_PRICE_FLAG, SELLER_REF, SELLER_COMMENTS, RESPONSE_TIME_LIMIT, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME~~
~~N,23879040, 20070423040000ES, 20070423160000ES,2,20, ACCEPTED, Status comments here, , , N, , S78234, Seller comments here, 20070421153720ES,23877019,20, 20070423040000ES, 20070423080000ES ↵~~
~~Y,23879040,,,,,,,,,,,,23877880,10, 20070423080000ES, 20070423160000ES ↵~~
~~Y,23879040,,,,,,,,,,,,23877019,10, 20070423080000ES, 20070423160000ES ↵~~

~~**Response:**~~

~~REQUEST_STATUS=200↵~~
~~ERROR_MESSAGE=Successfully updated. ↵~~
~~TIME_STAMP=20070422160523ES ↵~~
~~VERSION=1.5↵~~
~~TEMPLATE=transsell↵~~
~~OUTPUT_FORMAT=DATA↵~~
~~PRIMARY_PROVIDER_CODE=AAA↵~~
~~PRIMARY_PROVIDER_DUNS=123456789↵~~
~~RETURN_TZ=ES↵~~
~~DATA_ROWS=3↵~~
~~COLUMN_HEADERS=RECORD_STATUS, CONTINUATION_FLAG, ASSIGNMENT_REF, START_TIME, STOP_TIME, OFFER_PRICE,CAPACITY_GRANTED, STATUS, STATUS_COMMENTS, ANC_SVC_LINK, ANC_SVC_REQ, COMPETING_REQUEST_FLAG, NEGOTIATED_PRICE_FLAG, SELLER_REF, SELLER_COMMENTS, RESPONSE_TIME_LIMIT, REASSIGNED_REF,~~

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REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME , ERROR_MESSAGE↵
200,N,23879040, 20070423040000ES, 20070423160000ES,2,20, ACCEPTED, Status comments here, , , N, , S78234, Seller comments here, 20070421153720ES,23877019,20, 20070423040000ES, 20070423080000ES, No Error.↵
200,Y,23879040,,,,,,,,,,,,23877880,10, 20070423080000ES, 20070423160000ES, No Error.↵
200,Y,23879040,,,,,,,,,,,,23877019,10, 20070423080000ES, 20070423160000ES, No Error.↵

c. Submission of Reassignment Information - Case 2:

If the Resale transaction from the previous example were conducted off-OASIS, the Seller, "EFG", would use the ***transassign*** template to post the transaction to OASIS.

Input:
VERSION=1.5↵
TEMPLATE=transassign.↵
OUTPUT_FORMAT=DATA.↵
PRIMARY_PROVIDER_CODE=AAA.↵
PRIMARY_PROVIDER_DUNS=123456789.↵
RETURN_TZ=ES.↵
DATA_ROWS=3.↵
COLUMN_HEADERS=CONTINUATION_FLAG, CUSTOMER_CODE, CUSTOMER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED, CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, START_TIME, STOP_TIME, OFFER_PRICE, ANC_SVC_LINK, POSTING_NAME, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME , SELLER_COMMENTS, SELLER_REF, REQUEST_TYPE, RELATED_REF↵
N, MOP,562791881, X/AEF/CEF-ECS//, CEF, ECS,,,20,20, DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,, 20070423040000ES, 20070423160000ES,2,, John Doe,23877019,20, 20070423040000ES, 20070423080000ES, Seller comments here, S78234, RESALE, ↵
Y,,,,,,,,,,,,,,,,,,,23877880,10, 20070423080000ES, 20070423160000ES,, ,, ↵
Y,,,,,,,,,,,,,,,,,,,23877019,10, 20070423080000ES, 20070423160000ES,, ,↵

Response:

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~~REQUEST_STATUS=200.↵~~
~~ERROR_MESSAGE=Successfully updated. ↵~~
~~TIME_STAMP=20070422160523ES.↵~~
~~VERSION=1.5.↵~~
~~TEMPLATE=transassign.↵~~
~~OUTPUT_FORMAT=DATA.↵~~
~~PRIMARY_PROVIDER_CODE=AAA.↵~~
~~PRIMARY_PROVIDER_DUNS=123456789.↵~~
~~RETURN_TZ=ES.↵~~
~~DATA_ROWS=3.↵~~
~~COLUMN_HEADERS=RECORD_STATUS,~~
~~CONTINUATION_FLAG,ASSIGNMENT_REF, CUSTOMER_CODE,~~
~~CUSTOMER_DUNS, PATH_NAME, POINT_OF_RECEIPT,~~
~~POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED,~~
~~CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE,~~
~~TS_PERIOD, TS_WINDOW, TS_SUBCLASS, START_TIME, STOP_TIME,~~
~~OFFER_PRICE, ANC_SVC_LINK, POSTING_NAME, REASSIGNED_REF,~~
~~REASSIGNED_CAPACITY, REASSIGNED_START_TIME ,~~
~~REASSIGNED_STOP_TIME , SELLER_COMMENTS, SELLER_REF,~~
~~REQUEST_TYPE, RELATED_REF,ERROR_MESSAGE.↵~~
~~200,N,3377280, MOP,562791881, X/AEF/CEF-ECS//, CEF, ECS,,,20,20,~~
~~DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,,~~
~~20070423040000ES, 20070423160000ES,2,, John Doe,23877019,20,~~
~~20070423040000ES, 20070423080000ES, Seller comments here, S78234,~~
~~RESALE,,No Error.↵~~
~~200,Y,3377280,,,,,,,,,,,,,,,,,,,,23877880,10, 20070423080000ES,~~
~~20070423160000ES,, ,,,No Error.↵~~
~~200,Y,3377280,,,,,,,,,,,,,,,,,,,,23877019,10, 20070423080000ES,~~
~~20070423160000ES,, ,,,No Error.↵~~

~~d. Query of Transmission Service Reservation Status:~~

~~The following is a hypothetical response to a ***transstatus*** query that might be delivered for reservations starting on April 23, 2007.~~

~~Input:~~

~~<appropriate query name/value pairs to return reservations for April 23, 2007>~~

~~Response:~~

~~REQUEST_STATUS=200.↵~~
~~ERROR_MESSAGE=No error. ↵~~

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~~TIME_STAMP=20000423160523ES.↵~~
~~VERSION=1.5.↵~~
~~TEMPLATE=transstatus.↵~~
~~OUTPUT_FORMAT=DATA.↵~~
~~PRIMARY_PROVIDER_CODE=AAA.↵~~
~~PRIMARY_PROVIDER_DUNS=123456789.↵~~
~~RETURN_TZ=ES.↵~~
~~DATA_ROWS=10.↵~~
~~COLUMN_HEADERS=CONTINUATION_FLAG, ASSIGNMENT_REF,~~
~~SELLER_CODE, SELLER_DUNS, CUSTOMER_CODE,~~
~~CUSTOMER_DUNS, AFFILIATE_FLAG, PATH_NAME,~~
~~POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE,~~
~~SINK,CAPACITY_REQUESTED,CAPACITY_GRANTED,~~
~~SERVICE_INCREMENT, TS_CLASS, TS_TYPE,~~
~~TS_PERIOD,TS_WINDOW, TS_SUBCLASS,~~
~~NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY,~~
~~START_TIME, STOP_TIME, CEILING_PRICE, OFFER_PRICE,~~
~~BID_PRICE, PRICE_UNITS, PRECONFIRMED, ANC_SVC_LINK,~~
~~ANC_SVC_REQ, POSTING_REF, SALE_REF, REQUEST_REF,~~
~~DEAL_REF, IMPACTED, COMPETING_REQUEST_FLAG,~~
~~REQUEST_TYPE, RELATED_REF, NEGOTIATED_PRICE_FLAG,~~
~~STATUS, STATUS_NOTIFICATION, STATUS_COMMENTS,~~
~~TIME_QUEUED, RESPONSE_TIME_LIMIT, TIME_OF_LAST_UPDATE,~~
~~PRIMARY_PROVIDER_COMMENTS, SELLER_REF,~~
~~SELLER_COMMENTS, CUSTOMER_COMMENTS, SELLER_NAME,~~
~~SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, CUSTOMER_NAME,~~
~~CUSTOMER_PHONE, CUSTOMER_FAX, CUSTOMER_EMAIL,~~
~~REASSIGNED_REF, REASSIGNED_CAPACITY,~~
~~REASSIGNED_START_TIME , REASSIGNED_STOP_TIME,~~
~~PRIMARY_PROVIDER_APPROVAL,~~
~~PRIMARY_PROVIDER_PROVISIONS, ROLLOVER_WAIVED.↵~~
~~N,8207, RSELLR,234567890, ACSTMR,987654321, N, , CE, VP, ,,10,10,~~
~~HOURLY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,,7,,~~
~~20070423000000ES, 20070423060000ES,,2,2, $/MW-Hour, NO,~~
~~SC:(AEP:AR:121);RV:(AEP:AR:122);RF:(FT);EI:(FT);SP:(FT);SU:(FT);,~~
~~SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, , S1235, , ,0,, RESALE,, L,~~
~~CONFIRMED,, , 20070422121354ES,, 20070422123054ES, Transmission~~
~~Provider Comments go here,, Seller comments go here, Transmission~~
~~Customer comments go here, Joe Smith, (777)-312-7456, (777)-312-7450,~~
~~jsmith@xyz.com, John Dealer, (534)-223-4567,,,7019,10,~~
~~20070423000000ES, 20070423060000ES,,, ↵~~
~~Y,8207,,,,,,,,,,10,10,,,,,,,, 20070423220070ES,~~
~~20070424000000ES,,2,2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,7019,10, 20070423220070ES,~~
~~20070424000000ES,,, ↵~~

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~~N,8234, AAA,123456789, CUSTMR,345678912, N, , CE, MECS, ,,35,35, DAILY, FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,7,, 20070423000000ES, 20070424000000ES,42,24.5,24.5, $/MW-Day, NO, SC:(AEP:AR:123);RV:(AEP:AR:124);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,, L, CONFIRMED, pub/AAA/incoming,, 20070422131354ES, 20070422173354ES, 20070422133354ES, Standard daily reservation,, System Operator, Transmission Customer comments go here, Frank Orth, (999)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,,,~~ ↵
~~N,8235, AAA,123456789, CUSTMR,345678912, N, , CE, AMPO, ,,5,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,2,, 20070423060000ES, 20070423070000ES,2,2,2, $/MW-Hour, NO, SC:(AEP:AR:125);RV:(AEP:AR:126);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,,, CONFIRMED, pub/AAA/incoming,, 20070422160523ES, 20070422171203ES, 20070422170523ES, Profile verified,, First piece, Transmission Customer comments go here, System Operator, (888)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,,,~~ ↵
~~Y,8235,,,,,,,,,,,10,10,,,,,,,,, 20070423070000ES, 20070423080000ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,~~ ↵
~~Y,8235,,,,,,,,,,,15,15,,,,,,,,, 20070423080000ES, 20070423200700ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,~~ ↵
~~Y,8235,,,,,,,,,,,10,10,,,,,,,,, 20070423200700ES, 20070423210000ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,~~ ↵
~~Y,8235,,,,,,,,,,,5,5,,,,,,,,, 20070423210000ES, 20070423220070ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,~~ ↵
~~N,8242, AAA,123456789, CUSTMR,345678912, N, , CE, VP, ,,20,20,WEEKLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,4,, 20070423000000ES, 20070430000000ES,123,123,123,$/MW-Week, NO, SC:(AEP:AR:127);RV:(AEP:AR:128);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,,, CONFIRMED, pub/AAA/incoming,, 20070422160723ES, 20070422223024ES, 20070422171523ES, Bid price refused,, Negotiated OFFER_PRICE accepted,, Joe Smith, (888)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,,,~~ ↵
~~Y,8242,,,,,,,,,,,18,18,,,,,,,,, 20070430000000ES, 20070507000000ES,123,123,123,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,~~ ↵

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013-4.1.6 RESERVED~~**Examples of Negotiation of Price and Partial Service Offer**~~

013-4.1.6.1 RESERVED~~Negotiation with Preconfirmation~~

~~a. The Transmission Customer submits a preconfirmed Transmission Service request using the ***transrequest*** template. Initially, the STATUS is set to QUEUED by the OASIS Node.~~

~~b. The Seller has the option of setting STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, COUNTEROFFER, ACCEPTED, DECLINED, or REFUSED.~~

~~c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service.~~

~~d. If the Seller sets STATUS to ACCEPTED (and, as required by Business Practice Standard WEQ-013-2.2, the OASIS Node forces the Seller to set OFFER_PRICE equal to BID_PRICE as a condition to setting STATUS to ACCEPTED) and CAPACITY_GRANTED is equal to CAPACITY_REQUESTED, the OASIS Node will immediately set STATUS to CONFIRMED. (Business Practice Standard WEQ-013-2.2 requires the OASIS Node to set a null CAPACITY_GRANTED equal to CAPACITY_REQUESTED when STATUS is set to ACCEPTED.)~~

~~e. The Transmission Customer may withdraw request via ***transcust*** template at any time up to point where the Seller sets STATUS to ACCEPTED.~~

~~f. Once the STATUS is CONFIRMED, the OFFER_PRICE and CAPACITY_GRANTED officially becomes the terms of the reservation.~~

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013-4.1.6.2 ~~RESERVED~~~~Negotiations without Preconfirmation~~

~~a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.~~

~~b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID (due to invalid entries in the request), DECLINED (due to the Seller determining that the proposed price is not acceptable and further negotiations are not desired), or REFUSED (due to the unavailability of the requested service), the Transmission Service reservation request is terminated.~~

~~c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service.~~

~~d. If the Seller set the STATUS to RECEIVED or STUDY, and determines that the BID_PRICE is too low, the Seller sets the OFFER_PRICE to the price desired, and sets the STATUS to COUNTEROFFER via the ***transsell*** template.~~

~~e. The Transmission Customer agrees to the OFFER_PRICE, sets the BID_PRICE equal to the OFFER_PRICE, and sets the STATUS to CONFIRMED via the ***transcust*** template.~~

~~f. The OFFER_PRICE and CAPACITY_GRANTED with the STATUS of CONFIRMED locks in the terms of the reservation.~~

013-4.1.6.3 ~~RESERVED~~~~Multiple Step Negotiations~~

~~a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.~~

~~b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to~~

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~~INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.~~

~~c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service. If ATC changes before the request reaches the STATUS of CONFIRMED, Seller may change the CAPACITY_GRANTED.~~

~~d. The Seller determines that the BID_PRICE is too low, sets the OFFER_PRICE to the desired value, and sets the STATUS to COUNTEROFFER via the ***transsell*** template.~~

~~e. The Transmission Customer responds to the new OFFER_PRICE with an updated BID_PRICE and sets the STATUS to REBID for re-evaluation by the Seller.~~

~~f. The Seller determines that the BID_PRICE now is acceptable, and sets the STATUS to ACCEPTED via the ***transsell*** template. The transition to ACCEPTED state requires the OFFER_PRICE to be set to the BID_PRICE: accepting a reservation with an OFFER_PRICE different from BID_PRICE would require the STATUS be set to COUNTEROFFER rather than ACCEPTED (see Business Practice Standard WEQ-013-4.1.6.3.c).~~

~~g. The Transmission Customer agrees to the OFFER_PRICE and sets the STATUS to CONFIRM via the ***transcust*** template.~~

~~h. The OFFER_PRICE and CAPACITY_GRANTED with the STATUS as CONFIRMED locks in the terms of the reservation.~~

013-4.1.6.4 ~~RESERVED~~~~Negotiations Declined by Seller~~

~~a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.~~

~~b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.~~

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c. The Seller determines that the BID_PRICE is too low, sets OFFER_PRICE to his desired value, and sets STATUS to COUNTEROFFER via the ***transsell*** template.

d. The Transmission Customer responds to OFFER_PRICE with updated BID_PRICE and sets the STATUS to REBID via the ***transcust*** template for re-evaluation by Seller.

e. The Seller breaks off all further negotiations by setting the STATUS to DECLINED, indicating that the price is unacceptable and that he does not wish to continue negotiations.

013-4.1.6.5 RESERVED~~Negotiations Withdrawn by Transmission Customer~~

a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest***. Initially the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.

c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service.

d. The Seller determines that the BID_PRICE is too low, sets the OFFER_PRICE to his desired value, and sets the STATUS to COUNTEROFFER via the ***transsell*** template.

e. The Transmission Customer responds to the OFFER_PRICE with an updated BID_PRICE and sets the STATUS to REBID for re-evaluation by Seller.

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~~f. The Seller determines that the BID PRICE is still too low, sets the OFFER_PRICE to another value, and sets STATUS to COUNTEROFFER via the ***transsell*** template.~~

~~g. The Transmission Customer breaks off all further negotiations, either because the OFFER_PRICE or CAPACITY_GRANTED are unacceptable, by setting STATUS to WITHDRAWN (or the Transmission Customer/Seller could go through additional iterations of REBID/COUNTEROFFER until negotiations are broken off or the reservation is confirmed).~~

013-4.1.6.6 RESERVED~~Negotiations Superseded by Higher Priority Reservation~~

~~a. The Transmission Customer submits a Transmission Service reservation request with the BID PRICE less than the CEILING PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.~~

~~b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.~~

~~c. If the Seller determines that another reservation has higher priority and must displace this request, he sets the STATUS of this request to SUPERSEDED and the negotiations are terminated.~~

~~d. However, if desired and permitted by the tariff, the Seller may set the STATUS of a request in any of these previous states (including COUNTEROFFER and ACCEPTED) to COUNTEROFFER with an OFFER_PRICE which could avoid the request being superseded, thus allowing the Transmission Customer the choice of being SUPERSEDED or accepting the proposed OFFER_PRICE.~~

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013-4.1.7 RESERVED~~**Audit Template examples**~~

~~The following examples are included to show the general type of audit report responses that could be expected to be returned by implementations of the audit reporting templates as documented above.~~

013-4.1.7.1 RESERVED~~Offerings~~

~~The following is an example of a hypothetical audit query for DAILY NON-FIRM PTP offerings to the "DDD" POD for Monday August 17, 2007 (line breaks and indentations added to improve readability):~~

~~**Response:**~~

~~REQUEST_STATUS=200 ↵
ERROR_MESSAGE= ↵
TIME_STAMP=20070821091601ES ↵
VERSION=1.5 ↵
TEMPLATE=transofferingaudit ↵
OUTPUT_FORMAT=DATA ↵
PRIMARY_PROVIDER_CODE=WXYZ ↵
PRIMARY_PROVIDER_DUNS=78912345 ↵
RETURN_TZ=ES ↵
DATA_ROWS=14 ↵
COLUMN_HEADERS=RECORD_TYPE, TIME_OF_LAST_UPDATE, MODIFYING_COMPANY_CODE, MODIFYING_NAME, TIME_OF_LAST_UPDATE, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, OFFER_START_TIME, OFFER_STOP_TIME, START_TIME, STOP_TIME, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, SALE_REF, POSTING_REF, CEILING_PRICE, OFFER_PRICE, PRICE_UNITS, SERVICE_DESCRIPTION, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, SELLER_COMMENTS , OFFER_INCREMENT ↵
U, 20070815131756ES, WXYZ, Jane Doe, 20070815131756ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,800, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com , , DAILY ↵~~

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~~U, 20070815124022ES, WXYZ, Jane Doe, 20070815124022ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,850, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, , DAILY ↵~~
~~U, 20070814120018ES, WXYZ, Joe Smith, 20070814120018ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,850, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵~~
~~I, 20070813171204ES, WXYZ, Supervisor, 20070813171204ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,850, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,95, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵~~
~~U, 20070815124022ES, WXYZ, Jane Doe, 20070815124022ES, WXYZ,78912345, X/WXYZ/BBB-DDD//, BBB, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,1200, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48783,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com , , DAILY ↵~~
~~U, 20070814120022ES, WXYZ, Joe Smith, 20070814120022ES, WXYZ,78912345, X/WXYZ/BBB-DDD//, BBB, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,1200, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48783,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵~~
~~I, 20070813171210ES, WXYZ, Supervisor, 20070813171210ES, WXYZ,78912345, X/WXYZ/BBB-DDD//, BBB, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,1200, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48783,102,95, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵~~
~~U, 20070816101000ES, WXYZ, Supervisor, 20070816101000ES, WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,85, DAILY, NON-FIRM, POINT_TO_PO INT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48820,102,102, $/MW-Day,,3,, Supervisor, 123-456-7810, 123-456-7801,, , DAILY ↵~~
~~U, 20070814143807ES, WXYZ, Supervisor, 20070814143807ES, WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,90, DAILY,~~

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~~NON-FIRM, POINT_TO_PO INT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48820,102,102, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵~~
~~U, 20070814120023ES, WXYZ, Joe Smith, 20070814120023ES, WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,110, DAILY, NON-FIRM, POINT_TO_P OINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48820,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵~~
~~I, 20070813171214ES, WXYZ, Supervisor, 20070813171214ES, WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,110, DAILY, NON-FIRM, POINT_TO_P OINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48820,102,95, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵~~
~~U, 20070815124023ES, WXYZ, Jane Doe, 20070815124023ES, WXYZ,78912345, X/WXYZ/WXYZ-DDD//, WXYZ, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,340, DAILY, NON-FIRM, POINT_T O_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48855,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com , , DAILY ↵~~
~~U, 20070814120023ES, WXYZ, Joe Smith, 20070814120023ES, WXYZ,78912345, X/WXYZ/WXYZ-DDD//, WXYZ, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,340, DAILY, NON-FIRM, POINT_T O_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48855,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵~~
~~I, 20070813171222ES, WXYZ, Supervisor, 20070813171222ES, WXYZ,78912345, X/WXYZ/WXYZ-DDD//, WXYZ, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,340, DAILY, NON-FIRM, POINT_T O_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48855,102,95, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY.↵~~

~~From this audit report, the DAILY NON_FIRM PTP offerings on the four paths to "DDD" (AAA-DDD, BBB-DDD, CCC-DDD, and WXYZ-DDD) were all originally posted by WXYZ's "Supervisor" at approximately 17:12 on August 13, 2007, at a price of $95.00/MWday discounted from a ceiling price of $102.00/MWday.~~
~~At approximately 12:00 on August 14, 2007, Joe Smith changed the offer price to $90.00/MWday on all four paths.~~

~~At 14:14 on August 14, 2007, "Supervisor" adjusted the capacity available on path X/WXYZ/CCC-DDD// to 90 MW (POSTING_REF = 48820) and set the offer price up to match the tariff ceiling rate (presumably due to the path now~~

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being constrained and released from the requirement to have discounted service offered at the same rate as all other unconstrained paths to DDD). Capacity on this path was last updated to a value of 85 MW at 10:10 on August 16, 2007, which is the current information posted on OASIS for this path at the time of the query.

Jane Doe adjusted the price on the three presumably unconstrained paths to DDD at 12:40 on August 15, 2007, to $85.00/MWday, which may have been in response to a negotiation for service on one of these paths. No further updates have occurred to the offerings on paths BBB-DDD and WXYZ-DDD since that time.

Finally, the capacity available on path X/WXYZ/AAA-DDD// was updated by Jane Doe from 850 to 800 MW at 13:17 on August 15, 2007, which may have corresponded with final confirmation of a reservation at a negotiated discount by the Transmission Customer that initiated the price change from $90.00/MWday to $85.00/MWday.

013-4.1.7.2 RESERVEDReservations

The following is an example of a hypothetical audit query for a specific Transmission Service reservation (line breaks and indentations added to improve readability):

Response:

REQUEST_STATUS=200.↵
ERROR_MESSAGE=.↵
TIME_STAMP=19980821092048ES.↵
VERSION=1.5.↵
TEMPLATE=transstatusaudit.↵
OUTPUT_FORMAT=DATA.↵
PRIMARY_PROVIDER_CODE=WXYZ.↵
PRIMARY_PROVIDER_DUNS=78912345.↵
RETURN_TZ=ES.↵
DATA_ROWS=15.↵
COLUMN_HEADERS=RECORD_TYPE, TIME_OF_UPDATE,
MODIFYING_COMPANY_CODE, MODIFYING_NAME,
CONTINUATION_FLAG, ASSIGNMENT_REF, SELLER_CODE,
SELLER_DUNS, CUSTOMER_CODE, CUSTOMER_DUNS,
AFFILIATE_FLAG, PATH_NAME, POINT_OF_RECEIPT,
POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED,
CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE,
TS_PERIOD, TS_WINDOW, TS_SUBCLASS,

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~~NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, START_TIME, STOP_TIME, CEILING_PRICE, OFFER_PRICE, BID_PRICE, PRICE_UNITS, PRECONFIRMED, ANC_SVC_LINK, ANC_SVC_REQ, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, IMPACTED, COMPETING_REQUEST_FLAG, REQUEST_TYPE, RELATED_REF, NEGOTIATED_PRICE_FLAG, STATUS, STATUS_NOTIFICATION, STATUS_COMMENTS, TIME_QUEUED, RESPONSE_TIME_LIMIT, TIME_OF_LAST_UPDATE, PRIMARY_PROVIDER_COMMENTS, SELLER_REF, SELLER_COMMENTS, CUSTOMER_COMMENTS, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, CUSTOMER_NAME, CUSTOMER_PHONE, CUSTOMER_FAX, CUSTOMER_EMAIL, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME, REASSIGNED_STOP_TIME, PRIMARY_PROVIDER_APPROVAL, PRIMARY_PROVIDER_PROVISIONS, ROLLOVER_WAIVED↵~~
~~U, 20070815131629ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,85,85, $/MW-Day, N, , SC:M;RF:M, , , , , ,,, ORIGINAL,, L, CONFIRMED, , , 20070815121510ES, 20070815144100ES, 20070815131629ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-9100, a .trader@defmarketing.com, , , , ,,, ↵~~
~~U,,,, Y,104392,,,,,,,,,,,75,75,,,,,,,,, 20070818000000ES, 20070819000000ES,,85,85,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~U,,,, Y,104392,,,,,,,,,,,100,100,,,,,,,,, 20070819000000ES, 20070820000000ES,,85,85,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~U, 20070815125042ES, WXYZ, Jane Doe, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,85,82, $/MW-Day, N, , SC:M;RF:M, , , , , ,,, ORIGINAL,, L, COUNTEROFFER, , , 20070815121510ES, 20070815144100 ES, 20070815125042ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-910 0, a.trader@defmarketing.com, , , , ,,, ↵~~
~~U,,,, Y,104392,,,,,,,,,,,75,75,,,,,,,,, 20070818000000ES, 20070819000000ES,,85,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~U,,,, Y,104392,,,,,,,,,,,100,100,,,,,,,,, 20070819000000ES, 20070820000000ES,,85,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~U, 20070815124811ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,90,82, $/MW-Day, N, , SC:M;RF:M, , , , , ,,, ORIGINAL,, , REBID, , , 20070815121510ES,~~

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~~20070815144100ES, 20070 815124811ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-9100, a.trader @defmarketing.com,,,,,,, ↵~~
~~U,,,, Y,104392,,,,,,,,,,,75,75,,,,,,,,, 20070818000000ES, 20070819000000ES,,90,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~U,,,, Y,104392,,,,,,,,,,,100,100,,,,,,,,, 20070819000000ES, 20070820000000ES,,90,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~U, 20070815124100ES, WXYZ, Jane Doe, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,90,80, $/MW-Day, N, , SC:M;RF:M, , , , , ,,, ORIGINAL,, , COUNTEROFFER, , , 20070815121510ES, 20070815144100 ES, 20070815124100ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-910 0, a.trader@defmarketing.com,,,,,,, ↵~~
~~U,,,, Y,104392,,,,,,,,,,,75,75,,,,,,,,, 20070818000000ES, 20070819000000ES,,90,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~U,,,, Y,104392,,,,,,,,,,,100,100,,,,,,,,, 20070819000000ES, 20070820000000ES,,90,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~I, 20070815121510ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,,80, $/MW-Day, N, , SC:M;RF:M, , , , , ,,, ORIGINAL,, , QUEUED, , , 20070815121510ES, , 20070815121510ES, ,, , , Company Default, 123-456-7800, 123-456-7801, , Alan Trader, 312-678-9104, 312-678-9100, a.trader@defmarketing.com,,,,,,, ↵~~
~~I,,,, Y,104392,,,,,,,,,,,75,,,,,,,,,, 20070818000000ES, 20070819000000ES,,,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~
~~I,,,, Y,104392,,,,,,,,,,,100,,,,,,,,,, 20070819000000ES, 20070820000000ES,,,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵~~

~~First, this example shows the handling of continuation records which conveyed a time varying demand of 50 MW on August 1, 2007, 75 MW on August 18, 2007, and 100 MW on August 19, 2007. This demand profile was initially entered with the original reservation request (***transrequest*** template) at 12:15 on August 15, 2007, by Alan Trader.~~

~~As part of the original reservation, Alan Trader attempted to negotiate a price for service of $80./MWday. Jane Doe responded to this request with a counter offer at the non-negotiated rate of $90./mwday at 12:41 on August 15, 2007. The RESPONSE_TIME_LIMIT Data Element has been updated to reflect the time by which the Transmission Customer must confirm service~~

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~~At 12:48, Alan Trader attempted to negotiate further for a rate of $82.00 /MWday and the reservation status was set to REBID. Jane Doe responded at 12:50 with a second counter offer restating a negotiated rate of $85.00/MWday, which Alan Trader finally agreed to at 13:16 on August 15, 2007. The current posted information on OASIS would show this final confirmed reservation.~~

013-4.1.8 RESERVED~~**Reservation Reductions**~~

~~The following is an example of the ***reduction*** template response format for a reservation, 123456, for one day of service at 50 MWs. Assume that 1) the Transmission Customer has redirected 20 MWs for that day on reservation 987654, 2) resold 10 MWs during the off-peak hours on reservation 345678, and 3) had service starting at 16:00 reduced in priority for two hours.~~

~~**Response:**~~

~~REQUEST_STATUS=200.↵~~
~~ERROR_MESSAGE=.↵~~
~~TIME_STAMP=20070207091601ES.↵~~
~~VERSION=1.5.↵~~
~~TEMPLATE=reduction.↵~~
~~OUTPUT_FORMAT=DATA.↵~~
~~PRIMARY_PROVIDER_CODE=WXYZ.↵~~
~~PRIMARY_PROVIDER_DUNS=78912345.↵~~
~~RETURN_TZ=ES.↵~~
~~DATA_ROWS=13.↵~~
~~COLUMN_HEADERS=CONTINUATION_FLAG, ASSIGNMENT_REF, CAPACITY_GRANTED, CAPACITY_AVAILABLE, START_TIME, STOP_TIME, REDUCTION_TYPE, REDUCTION_REASON, IMPACTING_REF, CAPACITY_REDUCED, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY.↵~~
~~N,1234567,50,20, 20070206000000ES, 20070206070000ES,,,,,↵~~
~~Y,1234567,,,,, REDIRECT,,987654,-20, ,↵~~
~~Y,1234567,,,,, RESALE,,345678,-10, ,↵~~
~~N,1234567,50,30, 20070206070000ES, 20070206160000ES,,,,,↵~~
~~Y,1234567,,,,, REDIRECT,,987654,-20, ,↵~~
~~N,1234567,50,30, 20070206160000ES, 20070206180000ES,,,,,↵~~
~~Y,1234567,,,,, REDIRECT,,987654,-20, ,↵~~
~~Y,1234567,,,,, CONDITIONAL_EVENT, OSL violation on line xyz,,30,6,↵~~
~~N,1234567,50,30, 20070206180000ES, 20070206230000ES,,,,,↵~~
~~Y,1234567,,,,, REDIRECT,,987654,-20, ,↵~~
~~N,1234567,50,20, 20070206230000ES, 20070207000000ES,,,,,↵~~
~~Y,1234567,,,,, REDIRECT,,987654,-20, ,↵~~
~~Y,1234567,,,,, RESALE,,345678,-10, ,↵~~

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013-4.1.9 RESERVED ~~**Process Flow Example for Service Across Multiple Transmission Systems**~~

~~This example is provided to show the general flow of the process for service across multiple transmission systems. It includes a graphical representation of the example (Figure yyyy) followed by a description of the coordination process utilized by for this example.~~

~~In this example the Transmission Customer desires to establish a Coordinated Group for a 12 month period. The Transmission Customer already has 6 months of service reserved on Transmission Provider 1, so the Transmission Customer only needs an additional 6 months on that system. He decides to submit a Coordinated Group with a Monthly Firm request on Transmission Provider 1's system, a Yearly PTP Firm request on Transmission Provider 2's system and a Yearly PTP Firm request on Transmission Provider 3's system.~~

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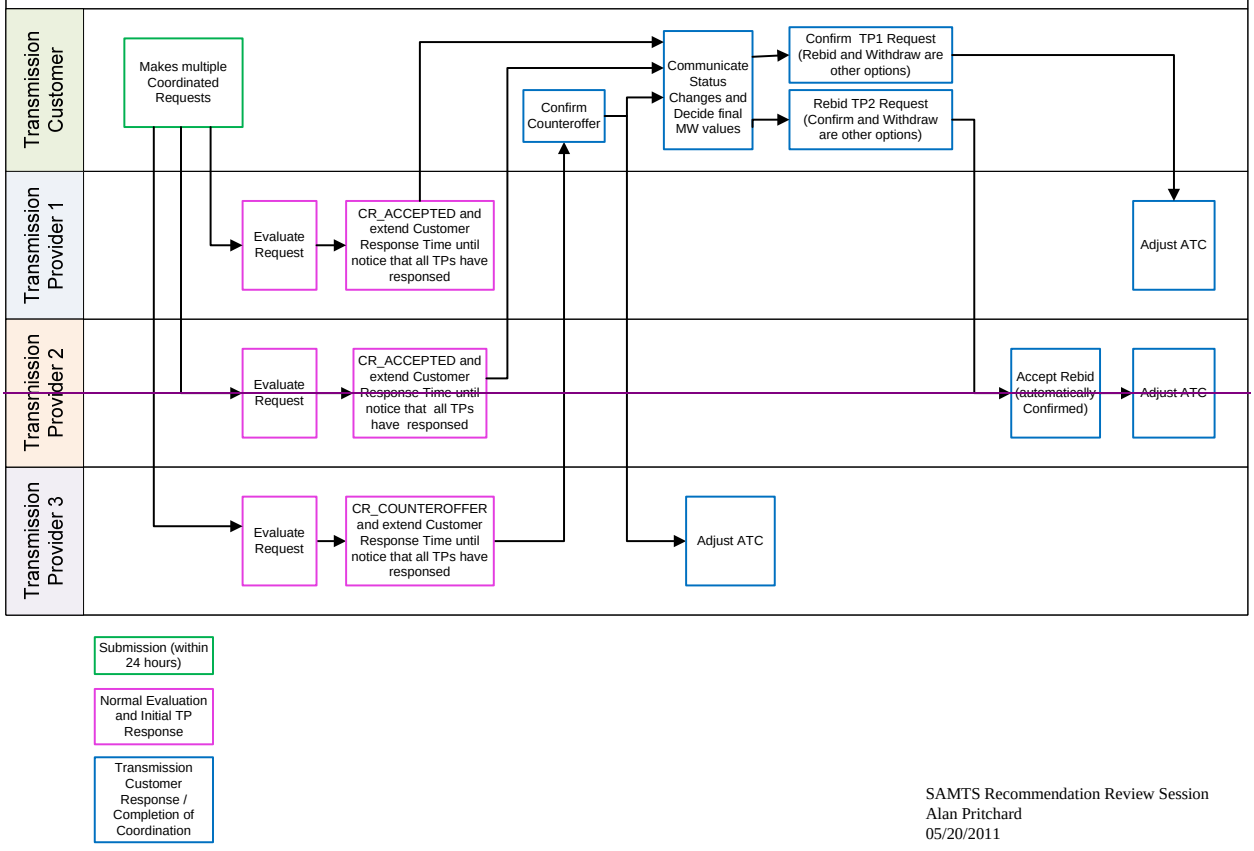
Example yyyy: SAMTS Example of Coordination of Three Requests on Three Transmission Systems



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Alan Pritchard
05/20/2011

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~~Submission:~~

~~The first step in the process shows the Transmission Customer making multiple Coordinated Requests. In this example, the Transmission Customer makes one request on each of three systems. The following steps may be taken by the Transmission Customer:~~

~~1. The Transmission Customer submits a pre-confirmed Monthly Firm PTP request on Transmission Provider 1's system and indicates that the request is part of a Coordinated Group by setting CG_STATUS to "PROPOSED". Upon submission, Transmission Provider 1 starts a 24-hour timer (CG_DEADLINE) for the Transmission Customer to finish submitting the required information about the Coordinated Group.~~

~~2. The Transmission Customer submits a pre-confirmed Yearly Firm PTP request on Transmission Provider 2's system and indicates that the request is part of a Coordinated Group by setting the CG_STATUS flag to "PROPOSED". Upon submission, Transmission Provider 2 starts a 24-hour timer (CG_DEADLINE) for the Transmission Customer to finish submitting the required information about the Coordinated Group.~~

~~3. The Transmission Customer submits a pre-confirmed PTP request on Transmission Provider 3's system and indicates that the request is part of a Coordinated Group by setting the CG_STATUS flag to "PROPOSED". Upon submission, Transmission Provider 3 starts a 24-hour timer (CG_DEADLINE) for the Transmission Customer to finish submitting the required information about the Coordinated Group.~~

~~4. After all three requests have been submitted the Transmission Customer returns to each of the requests and submits the additional information for the Coordinated Group:~~

~~a. Prior to the end of the 24-hour deadline on Transmission Provider 1's system, the Transmission Customer opens the Coordinated Request on Transmission Provider 1 and adds information on the existing 6-month reservation, information on the Coordinated Request on Transmission Provider 2 and information on the Coordinated Request on Transmission Provider 3. Upon filling in the required information, the Transmission Customer attests that the contiguity requirements have been met by setting CG_STATUS to "ATTESTED". (Transmission Provider 1 may begin~~

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~~evaluation of the request as soon as CG_STATUS is set to "ATTESTED.")~~

~~b. Prior to the end of the 24-hour deadline on Transmission Provider 2's system, the Transmission Customer opens the Coordinated Request on Transmission Provider 2 and adds information on the existing 6 month reservation on Transmission Provider 1, information on the Coordinated Request on Transmission Provider 1 and information on the Coordinated Request on Transmission Provider 3. Upon filling in the required information, the Transmission Customer attests that the contiguity requirements have been met by setting CG_STATUS to "ATTESTED". (Transmission Provider 2 may begin evaluation of the request as soon as CG_STATUS is set to "ATTESTED.")~~

~~c. Prior to the end of the 24-hour deadline on Transmission Provider 3's system, the Transmission Customer opens the Coordinated Request on Transmission Provider 3 and Transmission Customer adds information on the existing 6 month reservation on Transmission Provider 1, information on the Coordinated Request on Transmission Provider 1 and information on the Coordinated Request on Transmission Provider 2. Upon filling in the required information, the Transmission Customer attests that the contiguity requirements have been met by setting CG_STATUS to "ATTESTED". (Transmission Provider3 may begin evaluation of the request as soon as CG_STATUS is set to "ATTESTED.")~~

~~Evaluation and Initial Transmission Provider Response~~

~~In the next step in the process, each Transmission Provider evaluates the Coordinated Request as would be done for any other request. If the request can be accommodated, the Transmission Provider sets the status to CR_ACCEPTED. If the request cannot be accommodated in full, the Transmission Provider may set the status to CR_COUNTEROFFER. If there is no capacity to accommodate the request the Transmission Provider will set the status to REFUSED.~~

~~1. In this example Transmission Provider 3 responds first and sets the status to CR_COUNTEROFFER. (Transmission Provider 3 waits to learn the disposition of the other two Coordinated Requests before establishing the Transmission Customer Response Time.)~~

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~~Upon learning the status of this Coordinated Request, the Transmission Customer edits the Coordinated Requests on Transmission Provider 1 and Transmission Provider 2 to show the following information:~~

~~1. CR_DISPOSITION for the Coordinated Request on Transmission Provider 3 is set to PARTIAL.~~
~~2. CR_DISPOSITION_TIME for the Coordinated Request on Transmission Provider 3 is set equal to the date and time Transmission Provider 3 set the status to CR_COUNTEROFFER.~~

~~2. In this example, Transmission Provider 2 responds next and sets the status to CR_ACCEPTED. (Transmission Provider 2 knows the disposition of the request on Transmission Provider 3 but must wait to learn the disposition of the Coordinated Request on Transmission Provider 1 before establishing the Transmission Customer Response Time.)~~

~~Upon learning the status of this Coordinated Request, the Transmission Customer edits the Coordinated Requests on Transmission Provider 1 and Transmission Provider 3 to show the following information:~~

~~1. CR_DISPOSITION for the Coordinated Request on Transmission Provider 2 is set to FULL.~~
~~2. CR_DISPOSITION_TIME for the Coordinated Request on Transmission Provider 2 is set equal to the date and time Transmission Provider 2 set the status to CR_ACCEPTED.~~

~~3. In this example, the Transmission Customer decides to accept the counteroffered capacity on the Coordinated Request on Transmission Provider 3's system. This is permissible and is done by changing the status of the Coordinated Request to "CONFIRMED". The Transmission Customer should not change the CR_DISPOSITION or CR_DISPOSITION_TIME of this request on either of the other two Coordinated Requests in the Coordinated Group as this information has already been established above in step 1.~~

~~4. In this example, Transmission Provider 1 is the last to respond and sets the status to CR_ACCEPTED. (Transmission Provider 1 knows the disposition of the request on Transmission Provider 2 and also knows the disposition of the Coordinated Request on~~

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~~Transmission Provider 3. Transmission Provider 3 establishes the Transmission Customer Response Time, since the longest Confirmation Time Limit for any of the Coordinated Requests is for yearly firm. Transmission Provider 1 sets the Transmission Customer Response Time to 15 days after the date and time that the status of Transmission Provider 1's request was set to CR_ACCEPTED.)~~

~~Upon learning the status of this Coordinated Request, the Transmission Customer edits the Coordinated Request on Transmission Provider 2 to show the following information:~~

1. ~~CR DISPOSITION for the Coordinated Request on Transmission Provider 1 is set to FULL.~~
2. ~~CR DISPOSITION TIME for the Coordinated Request on Transmission Provider 1 is set equal to the date and time Transmission Provider 1 set the status to CR_ACCEPTED.~~

~~Transmission Provider 2, upon learning the disposition of the Coordinated Request on Transmission Provider 1, knows the disposition of all three Coordinated Requests in the Coordinated Group. Transmission Provider 2 sets the Transmission Customer Response Time for the Coordinated Request on his system. Since the longest Confirmation Time Limit for any of the Coordinated Requests is for yearly firm, the Transmission Customer Response Time is established as 15 days after the CR DISPOSITION TIME of the Coordinated Request on Transmission Provider 1. (Note that the date and time of both Transmission Customer Response Times are equal.)~~

~~Transmission Customer Response and Completion of Coordination~~

~~The final step in the process occurs when the Transmission Customer makes a final determination of the capacity and status for each of the requests. In this example, the Transmission Customer made the decision to confirm the counteroffered capacity of the Coordinated Request on Transmission Provider 3 prior to knowing the status of the Coordinated Request on Transmission Provider 1. Therefore, the Transmission Customer has no further opportunity to modify the capacity or status of the confirmed request on Transmission Provider 3.~~

~~Since the CR ACCOMMODATED value for the request on Transmission Provider 3 is "PARTIAL", the Transmission Customer may CONFIRM, REBID, or WITHDRAW the Coordinated Requests on Transmission Provider 1 and Transmission Provider 2. In this example, the Transmission Customer decides to CONFIRM the requested capacity on Transmission Provider 1 but wishes to reduce the capacity of the Coordinated Request on Transmission Provider 2.~~

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~~The Transmission Customer is permitted to REBID the capacity of the Coordinated Request on Transmission Provider 2 and Transmission Provider 2 is required to ACCEPT the REBID, thereby moving the status to CONFIRMED.~~

~~At this point all of the Coordinated Requests are in a final state (CONFIRMED) and there is no further coordination of these requests.~~

013-4.2 RESERVED~~ANCILLARY SERVICE LINKAGE EXAMPLES~~

~~The following examples document the handling of ancillary service linkage to Transmission Service requests/reservations using the ANC_SVC_LINK Data Element.~~

~~*Example 1:*~~

~~Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU are required, but will be defined at a future time.~~

~~"SC: (TPEL:RQ); RV: (TPEL:RQ); RF:(:FT); EI:(:FT); SP:(:FT); SU:(:FT)";~~

~~*Example 2:*~~

~~Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and RF, EI, SP and SU are self-supplied. The CUSTOMER_CODE is "CPSE"~~

~~"SC: (TPEL:RQ); RV: (TPEL:RQ); RF:(CPSE:SP); EI:(CPSE:SP); SP:(CPSE:SP); SU:(CPSE:SP)"~~

~~*Example 3:*~~

~~Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU were purchased via a prior OASIS reservation from Seller "SANC" whose reservation number was "39843". There is sufficient capacity within the Ancillary reservation to handle this Transmission Service reservation.~~

~~"SC:(TPEL:RQ); RV:(TPEL:RQ); RF:(SANC:AR:39843); EI:(SANC:AR:39843) SP:(SANC:AR:39843); SU:(SANC:AR:39843)"~~

~~*Example 4:*~~

~~Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU were~~

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~~purchased via prior OASIS reservations from Sellers SANC and TANC, whose reservation numbers where 8763 and 9824 respectively. There is not sufficient capacity within the ancillary reservation from Seller SANC to handle this Transmission Service reservation. In this case the OASIS reservation number 8763 will be depleted for the time frame specified within the Transmission Service reservation and the remaining required amount will come from reservation number 9824.~~

~~"SC:(TPEL:RQ); RV:(TPEL:RQ); RF:((SANC:AR:8763)(TANC:AR:9824));~~
~~EI:((SANC:AR:8763)(TANC:AR:9824));~~
~~SP:((SANC:AR:8763)(TANC:AR:9824));~~
~~SU:((SANC:AR:8763)(TANC:AR:9824))"~~

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~~*Example 5:*~~

~~Assume a Transmission Service reservation in the amount of $100.00/MWhour for a period of one day is made. Ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU were purchased via prior OASIS reservations from Sellers SANC and TANC, whose reservation numbers where 8763 and 9824 respectively. There is sufficient capacity within the ancillary reservation from Seller SANC to handle this Transmission Service reservation, however the purchaser wishes to use only 40 MWs from this Seller. In this case the OASIS reservation number 8763 will be depleted in the amount of 40 MWs for the time frame specified within the Transmission Service reservation and the remaining required amount will come from reservation number 9824.~~

~~"SC:(TPEL:RQ); RV:(TPEL:RQ); RF:((SANC:AR:8763:40)(TANC:AR:9824));~~
~~EI:((SANC:AR:8763:40)(TANC:AR:9824));~~
~~SP:((SANC:AR:8763:40)(TANC:AR:9824));~~
~~SU:((SANC:AR:8763:40)(TANC:AR:9824))"~~

~~013-x4 EXAMPLE IMPLEMENTATION~~

~~013-4.1~~013-C Appendix C - FILE REQUEST AND FILE DOWNLOAD EXAMPLES

The following Business Practice Standards WEQ-013-~~x4.1.1 through WEQ-013-4.1.8~~Examples 1 through 9 provide examples for the implementation of file request and download interactions that must be supported by OASIS. In these examples, the end-of-line (eol) character is represented by the character," ↵ ". This symbol may appear different on displays or printouts. Note that any leading or trailing spaces within each Data Record shown were inserted to facilitate word-wrapping of long records and must not appear in the actual formatted data files returned by OASIS unless they are contained within double quotes.

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~~013-4.1.1~~ **Example 1 - File Example for Hourly Offering**

Example of the request to Transmission Provider, AAA for PATH_NAME "W/AAA/ABC//" for April 10, 2007, from 8 a.m. to 3 p.m. (Note that the PATH_NAME consists of a REGION_CODE, PRIMARY_PROVIDER_CODE, PATH_CODE, and an OPTIONAL_CODE, separated with a slash, "/".)

The version for this release is 1.5. The request is in the form of a URL query string and the response is an ASCII delimited file. There is also one offer posted by the Reseller “WXYZ” that has posted their weekly scheduling rights for Resale on an HOURLY basis.

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3. Query

http:///(OASIS Node name)/OASIS/AAA/data/transoffering?
ver=1.5&templ=transoffering& fmt=data&pprov=AAA
&pprovduns=123456789& path=W/AAA/ABC//& servincre=hourly
&TSCLASS1=firm &TSCLASS2=non-firm&tz=PD
&stime=20070410080000PD &sptime=20070410150000PD

4. Response Data

REQUEST-STATUS=200↵ (*Successful*)
TIME_STAMP=20070409113526PD ↵
VERSION=1.5↵
TEMPLATE=transoffering↵
OUTPUT_FORMAT=DATA ↵

PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
DATA_ROWS=13↵
COLUMN_HEADERS=TIME_OF_LAST_UPDATE, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, OFFER_START_TIME, OFFER_STOP_TIME, START_TIME, STOP_TIME, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, SALE_REF, POSTING_REF, CEILING_PRICE, OFFER_PRICE, PRICE_UNITS, SERVICE_DESCRIPTION, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, SELLER_COMMENTS, OFFER_INCREMENT↵
20070406170000PD, WXYZ,543219876, W/AAA/AAA-ABC//, AAA, ABC, E,,, 20070410000000PD, 20070411000000PD,15, WEEKLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5673,1.5,1.43, $/MW-H,,4,, WXYZ Marketer, 888-789-4321,,, Reselling WEEKLY priority rights, HOURLY↵
20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC, E, 20070402080000PD, 20070410080000PD, 20070410080000PD, 20070410090000PD,50, HOURLY, FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5675,1.5,1.35, $/MW-H,,7,, AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC, E, 20070402080000PD, 20070410080000PD, 20070410080000PD, 20070410090000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,

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FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5676,1.5,1.35, $/MW-H,,2,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410090000PD,
20070410100000PD,50, HOURLY, FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5682,1.5,1.35, $/MW-H,,7,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410090000PD,
20070410100000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5688,1.5,1.35, $/MW-H,,2,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410100000PD,
20070410110000PD,0, HOURLY, FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5689,1.5,1.35, $/MW-H,,7,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410100000PD,
20070410110000PD,275, HOURLY, NON-FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5693,1.5,1.35, $/MW-H,,2,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410110000PD,
20070410130000PD,0, HOURLY, FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5694,1.5,1.35, $/MW-H,,7,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410110000PD,
20070410130000PD,150, HOURLY, NON-FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5699,1.5,1.35, $/MW-H,,2,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410130000PD,
20070410140000PD,25, HOURLY, FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5702,1.5,1.35, $/MW-H,,7,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410130000PD,
20070410140000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5703,1.5,1.35, $/MW-H,,2,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030000PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410140000PD,
20070410150000PD,25, HOURLY, FIRM, POINT_TO_POINT,

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FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5706,1.5,1.35, $/MW-H,,7,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵
20070409030002PD, AAA,987654321, W/AAA/AAA-ABC//, AAA, ABC,
E, 20070402080000PD, 20070410080000PD, 20070410140000PD,
20070410150000PD,300, HOURLY, NON-FIRM, POINT_TO_POINT,
FULL_PERIOD, FIXED,, SC:M;RV:M;LC:O, ,5707,1.5,1.35, $/MW-H,,2,,
AAA Provider, 888-321-7654,,, 10% DISCOUNT , HOURLY↵

~~013-4.1.2~~ **Example 2 - File Example for Hourly Schedule Data**

This example shows a request for the hourly schedule data from Transmission Provider, AAA, related to the Seller, WXYZ, for the period 10 a.m. to 3 p.m. on April 10, 2007.

There are two identical requests examples using two slightly different methods. The first request is using a HTTP URL request string through an HTML GET method. The second request is a similar example using FETCH_HTTP from a file using a POST method.

3. Query

URL Request (HTTP method=GET)
http://(OASIS Node name)/OASIS/AAA/data/scheduledetail? ver=1.5&
pprov=AAA& templ=scheduledetail& fmt=data &pprovduns=123456789
&path=W/AAA/ABC//& seller=WXYZ &por=BBB &pod=CCC& tz=PD&
stime=20070410100000PD & sptime=20070410150000PD

URL Request (HTTP method=POST)
$ fetch_http http://(OASIS Node name)/OASIS/aaaa/data/OASISdata -f
c:/OASIS/wxyz/upload/infile. txt Where *in-file.txt* contains the following:
ver=1.5& pprov=AAA& templ=scheduledetail& fmt=data
&pprovduns=123456789 &path=W/AAA/ABC//& seller=WXYZ
&por=BBB &pod=CCC& tz=PD& stime=20070410100000PD &
sptime=20070410150000PD

4. Response Data

REQUEST_STATUS=200↵
ERROR_MESSAGE=No error. ↵
TIME_STAMP=20070410160523ES ↵
VERSION=1.5↵
TEMPLATE=scheduledetail↵
OUTPUT_FORMAT=DATA↵

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PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=PD↵
DATA_ROWS=3↵
COLUMN_HEADERS=CONTINUATION_FLAG,
TIME_OF_LAST_UPDATE, SCHEDULE_REF, TRANSACTION_ID,
TRANSACTION_TYPE, TPSE_CODE, PATH_NAME,
POINT_OF_RECEIPT, POINT_OF_DELIVERY, GCA_CODE,
LCA_CODE, SOURCE, SINK, SCHEDULE_PRIORITY, START_TIME,
STOP_TIME, SCHEDULE_REQUESTED, SCHEDULE_GRANTED,
ASSIGNMENT_REF, SELLER_CODE, SELLER_DUNS,
CUSTOMER_CODE, CUSTOMER_DUNS, AFFILIATE_FLAG,
SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD,
TS_WINDOW, TS_SUBCLASS, NERC_CURTAILMENT_PRIORITY,
OTHER_CURTAILMENT_PRIORITY, CAPACITY_USED,
PROVIDER_ACTION, SCHEDULE_LIMIT, CURTAILMENT_OPTIONS,
SECURITY_REF, INITIATING_PARTY, RESPONSIBLE_PARTY,
PROCEDURE_NAME, PROCEDURE_LEVEL, FACILITY_LOCATION,
FACILITY_NAME, FACILITY_CLASS,
FACILITY_LIMIT_TYPE,ANNOTATION↵
N, 20070409030000PD,12345, BBB_MKTATAGCODE_CCC,
NORMAL, MKTA, W/AAA/ABC//, BBB, CCC,
BBB,CCC,GENX,LOADY,2-NH, 20070410100000PD,
20070410110000PD,280,280,856743, WXYZ,987654321,
MKTA,987654322, N, HOURLY, NON_FIRM, POINT_TO_POINT,
ON_PEAK, FIXED,,2, ,300,,,,,,,,,,,,, ↵
N, 20070409030000PD,12346, BBB_MKTATAGCODE_CCC,
NORMAL, MKTA, W/AAA/ABC//, BBB, CCC,
BBB,CCC,GENX,LOADY,2-NH, 20070410110000PD,
20070410140000PD,295,295,856743, WXYZ,987654321,
MKTA,987654322, N, HOURLY, NON_FIRM, POINT_TO_POINT,
ON_PEAK, FIXED,,2, ,300,,,,,,,,,,,,, ↵
N, 20070409030000PD,12347, BBB_MKTATAGCODE_CCC,
DYNAMIC, MKTA, W/AAA/ABC//, BBB, CCC,
BBB,CCC,GENX,LOADY,2-NH, 20070410140000PD,
20070410150000PD,300,300,856743, WXYZ,987654321,
MKTA,987654322, N, HOURLY, NON_FIRM, POINT_TO_POINT,
ON_PEAK, FIXED,,2, ,300,,,,,,,,,,,,, ↵

~~013-4.1.3~~ **Example 3 - Transmission Customer Posting a Transmission Service Offering**

This example shows how a Transmission Customer would post for sale the Transmission Service that was purchased previously. The Seller would create

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a file and upload the file using the FETCH_HTTP program to send a file to the OASIS Node of the Transmission Provider. This example shows the posting of MONTHLY service offered for Resale on a DAILY increment basis.

3. **Input:**
FETCH_HTTP Command to send posting:
$ fetch_http http://(OASIS Node name)/OASIS/abcd/data/transrequest -f c:/OASIS/abcd/upload/*post.txt*

Where the file *post.txt* contains:

VERSION=1.5↵
TEMPLATE=transpost↵
OUTPUT_FORMAT=DATA ↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
DATA_ROWS=1↵
COLUMN_HEADERS=PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, START_TIME, STOP_TIME, OFFER_START_TIME, OFFER_STOP_TIME, SALE_REF, OFFER_PRICE, SERVICE_DESCRIPTION, SELLER_COMMENTS, OFFER_INCREMENT
W/AAA/ABC-DEF//,,, E,150, MONTHLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,, 20070410000000PD, 20070414000000PD, 20070402080000PD, 20070410070000PD, A123,0.9,,"As Joe said, ""It is a good buy""", DAILY↵

4. **Response Data**

REQUEST-STATUS=200 ↵ (*Successful*)
TIME_STAMP=20070409113526PD ↵
VERSION=1.5↵
TEMPLATE=transpost↵
OUTPUT_FORMAT=DATA ↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
DATA_ROWS=1↵
COLUMN_HEADERS=RECORD_STATUS, POSTING_REF, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, INTERFACE_TYPE, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, START_TIME, STOP_TIME, OFFER_START_TIME,

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OFFER_STOP_TIME, SALE_REF, OFFER_PRICE,
SERVICE_DESCRIPTION, SELLER_COMMENTS,
OFFER_INCREMENT, ERROR_MESSAGE↵
200,7453255, W/AAA/ABC-DEF//,,, E,150, MONTHLY, NON-FIRM,
POINT_TO_POINT, FULL_PERIOD, FIXED,,, 200070410000000PD,
20070414000000PD, 20070402080000PD, 20070410070000PD,
A123,0.9,," As Joe said, ""It is a good buy""", DAILY, No Error↵

~~013-4.1.4~~ **Example 4 - Example of Aggregating Purchased Services for Resale using Reassignment**

The following examples do not show the complete template information, but only show the values assigned to those Data Elements in the template that are important to the example.

a. Transmission Customer #1, "BestE" requests the purchase of 20 MW DAILY FIRM PTP for May 7th and 8th for $1.00/MWday from Transmission Provider AAA (***transrequest***).

TEMPLATE=transrequest
CUSTOMER_CODE=BestE (Implied by the registered entity submitting the template)
SELLER_CODE=AAA
PATH_NAME=W/AAA/AAA-ABC//
SERVICE_INCREMENT=DAILY
TS_CLASS=FIRM
START_TIME=2007050700000000PD
STOP_TIME=20070509000000PD
CAPACITY_REQUESTED=20
BID_PRICE=1.00
REQUEST_TYPE=ORIGINAL

The OASIS assigns ASSIGNMENT_REF = 5000 on acknowledgment.

b. Transmission Customer #1 purchases an additional 70 MW of DAILY FIRM PTP on the same path for May 8th for $1.05/MWday (***transrequest***).
TEMPLATE=transrequest
CUSTOMER_CODE=BestE (Implied by the registered entity submitting the template)
SELLER_CODE=AAA
PATH_NAME=W/AAA/AAA-ABC//
SERVICE_INCREMENT=DAILY
TS_CLASS=FIRM
START_TIME=2007050800000000PD

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STOP_TIME=2007050900000000PD
CAPACITY_REQUESTED=70
BID_PRICE=1.05
REQUEST_TYPE=ORIGINAL
The OASIS assigns the ASSIGNMENT_REF=5001 when the request for purchase is made and is shown in the acknowledgment.

c. Transmission Customer #1 becomes Reseller #1 and posts an offer of Transmission Service of 50 MW of their DAILY FIRM PTP rights purchased above for Resale on an Hourly basis on May 8th from 7 a.m. to 11 p.m. at $.90/MW-hour.

TEMPLATE=transpost
SELLER_CODE=BestE (Implied by the registered entity submitting the template)
PATH_NAME=W/AAA/AAA-ABC//CAPACITY=50
SERVICE_INCREMENT=DAILY
TS_CLASS=FIRM
START_TIME=2007050807000000PD
STOP_TIME=20007050823000000PD
OFFER_INCREMENT=HOURLY
SALE_REF=BEST 50
OFFER_PRICE=.90
SELLER_COMMENTS=aggregating two previous purchases

d. Transmission Customer #2 “Whlsle” then requests purchase of 35 MW firm from Reseller #1 from 8 a.m. to 5 p.m. for $0.90/MW-hour (***transrequest***).

TEMPLATE=transrequest
CUSTOMER_CODE=Whlsle
SELLER_CODE=BestE (Implied by the registered entity submitting the template)
PATH_NAME=W/AAA/AAA-ABC//
TS_CLASS=FIRM
START_TIME=20070508080000PD
STOP_TIME=20070508170000PD
CAPACITY_REQUESTED=35
BID_PRICE=0.90
CUSTOMER_COMMENTS=Only need service until 5 p.m.
REQUEST_TYPE=RESALE

The OASIS provides the ASSIGNMENT_REF=5002 for this transaction.

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e. Seller (Reseller #1) informs the Transmission Provider of the reassignment of the previous Transmission Service rights when the Seller accepts the Transmission Customer purchase request (***transsell***).

TEMPLATE=transsell
SELLER_CODE=BestE (Implied by the registered entity submitting the template)
ASSIGNMENT_REF=5033
START_TIME=20070508080000PD
STOP_TIME=20070508170000PD
CAPACITY_GRANTED=35
OFFER_PRICE=0.90
STATUS=ACCEPTED
REASSIGNED_REF1=5000
REASSIGNED_CAPACITY1=20
REASSIGNED_START_TIME1=20070508080000PD
REASSIGNED_STOP_TIME1=20070508170000PD
REASSIGNED_REF2=5006
REASSIGNED_CAPACITY2=15
REASSIGNED_START_TIME2=20070508080000PD
REASSIGNED_STOP_TIME2=20070508170000PD

Resale Business Practice Standards WEQ-011-11 and WGQ-013-2.6.7 govern what services may be aggregated and offered for Resale. The sum of all REASSIGNED_CAPACITY over time must be sufficient to satisfy the capacity granted in CAPACITY_GRANTED over the interval of START_TIME to STOP_TIME.

~~013-4.1.5~~ **Example 5 - File Examples of the Use of Continuation Records**

a. Basic Continuation Records

The first example of the use of Continuation Records is for the ***transrequest*** template submitted by a Transmission Customer, “MOP” for purchase of a Transmission Service reservation spanning 16 hours from 06:00 to 22:00 with "ramped" demand at beginning and end of time period. Two additional reservation requests are also submitted in this request prior to and following the profile to demonstrate the handling of ASSIGNMENT_REF by the OASIS Node. The last request is for a purchase from a Reseller, “EFG”.

The OASIS S&CP identifies which Data Elements may appear in continuation records. For profiled request of capacity, the Data Elements START_TIME, STOP_TIME, CAPACITY_REQUESTED, and BID_PRICE

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are repeated in continuation records to define each segment of the profiled requests. Specification of any values corresponding to COLUMN_HEADERs that are not specified as being allowed in continuation records will be ignored, however commas must be included to properly align the Data Elements associated with each continuation record.

Input:

VERSION=1.5↵
TEMPLATE=transrequest↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=7↵
COLUMN_HEADERS=CONTINUATION_FLAG, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK,CAPACITY_REQUESTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, STATUS_NOTIFICATION, START_TIME, STOP_TIME, BID_PRICE, PRECONFIRMED, ANC_SVC_LINK, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, CUSTOMER_COMMENTS,REQUEST_TYPE,RELATED_REF, ROLLOVER_WAIVED, CG_STATUS↵
N, AAA,123456789, X/AEF/CEF-ECS//, CEF, ECS,,,35, DAILY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,, /AAA/incoming?ref=R765, 20070423000000ES, 20070424000000ES,24.5, NO,,,, R765, D123, Standard daily reservation, ORIGINAL,, ↵
N, AAA,123456789,, AEF, MPO,,,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, /AAA/incoming?ref=R766, 20070423060000ES, 20070423070000ES,2.5, YES,,,, R766, D123, First piece of profile spanning 5 records, ORIGINAL,, ↵
Y,,,,,,,,10,,,,,,,, 20070423070000ES, 20070423080000ES,2.5,,,,,,,,,, ↵
Y,,,,,,,,15,,,,,,,, 20070423080000ES, 20070423200000ES,2.5,,,,,,,,,, ↵
Y,,,,,,,,10,,,,,,,, 20070423200000ES, 20070423210000ES,2.5,,,,,,,,,, ↵
Y,,,,,,,,5,,,,,,,, 20070423210000ES, 20070423220000ES,2.5,,,,,,,,,, ↵
N, EFG,678912345, X/AEF/CEF-ECS//, CEF, ECS,,,20,DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,, /AAA/incoming?ref=R767, 20070423040000ES, 20070423160000ES,2, YES,,,, R767, D123, Resale hourly reservation after profiled reservation, RESALE,, ↵

Response:

REQUEST_STATUS=200↵

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ERROR_MESSAGE=Success ↵
TIME_STAMP=20070422160523ES ↵
VERSION=1.5↵
TEMPLATE=transrequest↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=7↵
COLUMN_HEADERS=RECORD_STATUS, CONTINUATION_FLAG, ASSIGNMENT_REF, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, STATUS_NOTIFICATION, START_TIME, STOP_TIME, BID_PRICE, PRECONFIRMED, ANC_SVC_LINK, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, CUSTOMER_COMMENTS, REQUEST_TYPE, RELATED_REF, ROLLOVER_WAIVED, CG_STATUS, ERROR_MESSAGE↵
200,N,23879032, AAA,123456789, X/AEF/CEF-ECS//, CEF, ECS,,,35, DAILY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,, /AAA/incoming?ref=R765, 20070423000000ES, 20070424000000ES,24.5, NO,,,, R765, D123, Standard daily reservation, ORIGINAL, ,, No Error↵
200,N,23879037, AAA,123456789,, AEF, MPO,,,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, /AAA/incoming?ref=R766, 20070423060000ES, 20070423070000ES,2.5, YES,,,, R766, D123, First piece of profile spanning 5 records, ORIGINAL, ,, No Error↵
200,Y,23879037,,,,,,,,10,,,,,,,, 20070423070000ES, 20070423080000ES,2.5,,,,,,,,, ,, No Error↵
200,Y,23879037,,,,,,,,15,,,,,,,, 20070423080000ES, 20070423200000ES,2.5,,,,,,,,, ,, No Error↵
200,Y,23879037,,,,,,,,10,,,,,,,, 20070423200000ES, 20070423210000ES,2.5,,,,,,,,, ,, No Error↵
200,Y,23879037,,,,,,,,5,,,,,,,, 20070423210000ES, 20070423220000ES,2.5,,,,,,,,,,, No Error↵
200,N,23879040, EFG,678912345, X/AEF/CEF-ECS//, CEF, ECS,,,20,DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,, /AAA/incoming?ref=R767, 20070423040000ES, 20070423160000ES,2, YES,,,, R767, D123, Resale hourly reservation after profiled reservation, RESALE, ,, No Error↵

b. Submission of Reassignment Information - Case 1:

In the prior example (last Data Record in ***transrequest***) a Resale reservation request was submitted to the Reseller "EFG" by the

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Transmission Customer for 20MW of DAILY FIRM PTP scheduling rights from 04:00 to 16:00. Assume that the Reseller has previously reserved service for the CEF-ECS path for DAILY FIRM PTP in amount of 50 MW on 4/23 under ASSIGNMENT_REF=23877019, and another 10 MW on April 23, 2007, under ASSIGNMENT_REF=23877880. Reseller must designate which Transmission Service rights are to be reassigned to Transmission Customer to satisfy the 20MW from 04:00 to 16:00. This reassignment information is conveyed by Reseller using the ***transsell*** template when the reservation request is accepted. At the Seller's discretion, rights are assigned for the first four hours of the Resale from the first reservation (ASSIGNMENT_REF=23877019). The balance of the Resale is supported by 10 MWs from the second reservation first (ASSIGNMENT_REF=23877880) with the balance taken up by the first reservation (ASSIGNMENT_REF=23877019). This split of reassignment information is conveyed in "continuation" records via the ***transsell*** template Data Elements REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME, and REASSIGNED_STOP_TIME.

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Input:

VERSION=1.5↵
TEMPLATE=transsell↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=3↵
COLUMN_HEADERS=CONTINUATION_FLAG, ASSIGNMENT_REF, START_TIME, STOP_TIME, OFFER_PRICE, CAPACITY_GRANTED, STATUS, STATUS_COMMENTS, ANC_SVC_LINK, ANC_SVC_REQ, COMPETING_REQUEST_FLAG, NEGOTIATED_PRICE_FLAG, SELLER_REF, SELLER_COMMENTS, RESPONSE_TIME_LIMIT, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME
N,23879040, 20070423040000ES, 20070423160000ES,2,20, ACCEPTED, Status comments here, , , N, , S78234, Seller comments here, 20070421153720ES,23877019,20, 20070423040000ES, 20070423080000ES ↵
Y,23879040,,,,,,,,,,,,,23877880,10, 20070423080000ES, 20070423160000ES ↵
Y,23879040,,,,,,,,,,,,,23877019,10, 20070423080000ES, 20070423160000ES ↵

Response:

REQUEST_STATUS=200↵
ERROR_MESSAGE=Successfully updated. ↵
TIME_STAMP=20070422160523ES ↵
VERSION=1.5↵
TEMPLATE=transsell↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=3↵
COLUMN_HEADERS=RECORD_STATUS, CONTINUATION_FLAG, ASSIGNMENT_REF, START_TIME, STOP_TIME, OFFER_PRICE,CAPACITY_GRANTED, STATUS, STATUS_COMMENTS, ANC_SVC_LINK, ANC_SVC_REQ, COMPETING_REQUEST_FLAG, NEGOTIATED_PRICE_FLAG, SELLER_REF, SELLER_COMMENTS, RESPONSE_TIME_LIMIT, REASSIGNED_REF,

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REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME , ERROR_MESSAGE↵
200,N,23879040, 20070423040000ES, 20070423160000ES,2,20, ACCEPTED, Status comments here, , , N, , S78234, Seller comments here, 20070421153720ES,23877019,20, 20070423040000ES, 20070423080000ES, No Error↵
200,Y,23879040,,,,,,,,,,,,,23877880,10, 20070423080000ES, 20070423160000ES, No Error↵
200,Y,23879040,,,,,,,,,,,,,23877019,10, 20070423080000ES, 20070423160000ES, No Error↵

c. Submission of Reassignment Information - Case 2:

If the Resale transaction from the previous example were conducted off-OASIS, the Seller, "EFG", would use the ***transassign*** template to post the transaction to OASIS.

Input:
VERSION=1.5↵
TEMPLATE=transassign↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=3↵
COLUMN_HEADERS=CONTINUATION_FLAG, CUSTOMER_CODE, CUSTOMER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED, CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, START_TIME, STOP_TIME, OFFER_PRICE, ANC_SVC_LINK, POSTING_NAME, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME , SELLER_COMMENTS, SELLER_REF, REQUEST_TYPE, RELATED_REF↵
N, MOP,562791881, X/AEF/CEF-ECS//, CEF, ECS,,,20,20, DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,, 20070423040000ES, 20070423160000ES,2,, John Doe,23877019,20, 20070423040000ES, 20070423080000ES, Seller comments here, S78234, RESALE, ↵
Y,,,,,,,,,,,,,,,,,,,,,23877880,10, 20070423080000ES, 20070423160000ES,, ,, ↵
Y,,,,,,,,,,,,,,,,,,,,,23877019,10, 20070423080000ES, 20070423160000ES,, ,↵

Response:

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REQUEST_STATUS=200↵
ERROR_MESSAGE=Successfully updated. ↵
TIME_STAMP=20070422160523ES ↵
VERSION=1.5↵
TEMPLATE=transassign↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=3↵
COLUMN_HEADERS=RECORD_STATUS,
CONTINUATION_FLAG,ASSIGNMENT_REF, CUSTOMER_CODE,
CUSTOMER_DUNS, PATH_NAME, POINT_OF_RECEIPT,
POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED,
CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE,
TS_PERIOD, TS_WINDOW, TS_SUBCLASS, START_TIME, STOP_TIME,
OFFER_PRICE, ANC_SVC_LINK, POSTING_NAME, REASSIGNED_REF,
REASSIGNED_CAPACITY, REASSIGNED_START_TIME ,
REASSIGNED_STOP_TIME , SELLER_COMMENTS, SELLER_REF,
REQUEST_TYPE, RELATED_REF,ERROR_MESSAGE↵
200,N,3377280, MOP,562791881, X/AEF/CEF-ECS//, CEF, ECS,,,20,20,
DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,,
20070423040000ES, 20070423160000ES,2,, John Doe,23877019,20,
20070423040000ES, 20070423080000ES, Seller comments here, S78234,
RESALE,,No Error↵
200,Y,3377280,,,,,,,,,,,,,,,,,,,,23877880,10, 20070423080000ES,
20070423160000ES,, ,,,No Error↵
200,Y,3377280,,,,,,,,,,,,,,,,,,,,23877019,10, 20070423080000ES,
20070423160000ES,, ,,,No Error↵

d. Query of Transmission Service Reservation Status:

The following is a hypothetical response to a ***transstatus*** query that might be delivered for reservations starting on April 23, 2007.

Input:

<appropriate query name/value pairs to return reservations for April 23, 2007>

Response:

REQUEST_STATUS=200↵
ERROR_MESSAGE=No error. ↵

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TIME_STAMP=20000423160523ES↵
VERSION=1.5↵
TEMPLATE=transstatus↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=10↵
COLUMN_HEADERS=CONTINUATION_FLAG, ASSIGNMENT_REF, SELLER_CODE, SELLER_DUNS, CUSTOMER_CODE, CUSTOMER_DUNS, AFFILIATE_FLAG, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK,CAPACITY_REQUESTED,CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD,TS_WINDOW, TS_SUBCLASS, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, START_TIME, STOP_TIME, CEILING_PRICE, OFFER_PRICE, BID_PRICE, PRICE_UNITS, PRECONFIRMED, ANC_SVC_LINK, ANC_SVC_REQ, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, IMPACTED, COMPETING_REQUEST_FLAG, REQUEST_TYPE, RELATED_REF, NEGOTIATED_PRICE_FLAG, STATUS, STATUS_NOTIFICATION, STATUS_COMMENTS, TIME_QUEUED, RESPONSE_TIME_LIMIT, TIME_OF_LAST_UPDATE, PRIMARY_PROVIDER_COMMENTS, SELLER_REF, SELLER_COMMENTS, CUSTOMER_COMMENTS, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, CUSTOMER_NAME, CUSTOMER_PHONE, CUSTOMER_FAX, CUSTOMER_EMAIL, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME, PRIMARY_PROVIDER_APPROVAL, PRIMARY_PROVIDER_PROVISIONS, ROLLOVER_WAIVED, CG_STATUS, CG_DEADLINE ↵
N,8207, RSELLR,234567890, ACSTMR,987654321, N, , CE, VP, ,,10,10, HOURLY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,,7,, 20070423000000ES, 20070423060000ES,,2,2, $/MW-Hour, NO, SC:(AEP:AR:121);RV:(AEP:AR:122);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, , S1235, , ,0,, RESALE,, L, CONFIRMED,, , 20070422121354ES,, 20070422123054ES, Transmission Provider Comments go here,, Seller comments go here, Transmission Customer comments go here, Joe Smith, (777)-312-7456, (777)-312-7450, jsmith@xyz.com, John Dealer, (534)-223-4567,,,7019,10, 20070423000000ES, 20070423060000ES,,, ↵
Y,8207,,,,,,,,,,10,10,,,,,,,, 20070423220070ES, 20070424000000ES,,2,2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,7019,10, 20070423220070ES, 20070424000000ES,,, ↵

N,8234, AAA,123456789, CUSTMR,345678912, N, , CE, MECS, ,,35,35, DAILY, FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,7,, 20070423000000ES, 20070424000000ES,42,24.5,24.5, $/MW-Day, NO, SC:(AEP:AR:123);RV:(AEP:AR:124);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,, L, CONFIRMED, pub/AAA/incoming,, 20070422131354ES, 20070422173354ES, 20070422133354ES, Standard daily reservation,, System Operator, Transmission Customer comments go here, Frank Orth, (999)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,, ↵
N,8235, AAA,123456789, CUSTMR,345678912, N, , CE, AMPO, ,,5,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,2,, 20070423060000ES, 20070423070000ES,2,2,2, $/MW-Hour, NO, SC:(AEP:AR:125);RV:(AEP:AR:126);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,,, CONFIRMED, pub/AAA/incoming,, 20070422160523ES, 20070422171203ES, 20070422170523ES, Profile verified,, First piece, Transmission Customer comments go here, System Operator, (888)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,, ↵
Y,8235,,,,,,,,,,10,10,,,,,,,, 20070423070000ES, 20070423080000ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
Y,8235,,,,,,,,,,15,15,,,,,,,, 20070423080000ES, 20070423200700ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
Y,8235,,,,,,,,,,10,10,,,,,,,, 20070423200700ES, 20070423210000ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
Y,8235,,,,,,,,,,5,5,,,,,,,, 20070423210000ES, 20070423220070ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
N,8242, AAA,123456789, CUSTMR,345678912, N, , CE, VP, ,,20,20,WEEKLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,4,, 20070423000000ES, 20070430000000ES,123,123,123,$/MW-Week, NO, SC:(AEP:AR:127);RV:(AEP:AR:128);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,,, CONFIRMED, pub/AAA/incoming,, 20070422160723ES, 20070422223024ES, 20070422171523ES, Bid price refused,, Negotiated OFFER_PRICE accepted,, Joe Smith, (888)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,, ↵
Y,8242,,,,,,,,,,18,18,,,,,,,, 20070430000000ES, 20070507000000ES,123,123,123,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵

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~~013-4.1.6~~ **Example 6 - Examples of Negotiation of Price and Partial Service Offer**

~~013-4.1.6.1~~ **Example 6a -** Negotiation with Preconfirmation

a. The Transmission Customer submits a preconfirmed Transmission Service request using the ***transrequest*** template. Initially, the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, COUNTEROFFER, CR_COUNTEROFFER, ACCEPTED, CR_ACCEPTED, DECLINED, or REFUSED.

c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER or CR_COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service.

d. If the Seller sets STATUS to ACCEPTED or CR_ACCEPTED (and, as required by Business Practice Standard WEQ-013-2.2, the OASIS Node forces the Seller to set OFFER_PRICE equal to BID_PRICE as a condition to setting STATUS to ACCEPTED or CR_ACCEPTED) and CAPACITY_GRANTED is equal to CAPACITY_REQUESTED, the OASIS Node will immediately set STATUS to CONFIRMED, except where the STATUS is CR_ACCEPTED the OASIS Node shall wait to set the transaction's STATUS to CONFIRMED. (Business Practice Standard WEQ-013-2.2 requires the OASIS Node to set a null CAPACITY_GRANTED equal to CAPACITY_REQUESTED when STATUS is set to ACCEPTED or CR_ACCEPTED.)

e. The Transmission Customer may withdraw request via ***transcust*** template at any time up to point where the Seller sets STATUS to ACCEPTED or CR_ACCEPTED.

f. Once the STATUS is CONFIRMED, the OFFER_PRICE and CAPACITY_GRANTED officially becomes the terms of the reservation.

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~~013-4.1.6.2~~ **Example 6b -** Negotiations without Preconfirmation

a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, DECLINED, COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID (due to invalid entries in the request), DECLINED (due to the Seller determining that the proposed price is not acceptable and further negotiations are not desired), or REFUSED (due to the unavailability of the requested service), the Transmission Service reservation request is terminated.

c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service.

d. If the Seller set the STATUS to RECEIVED or STUDY, and determines that the BID_PRICE is too low, the Seller sets the OFFER_PRICE to the price desired, and sets the STATUS to COUNTEROFFER via the ***transsell*** template.

e. The Transmission Customer agrees to the OFFER_PRICE, sets the BID_PRICE equal to the OFFER_PRICE, and sets the STATUS to CONFIRMED via the ***transcust*** template.

f. The OFFER_PRICE and CAPACITY_GRANTED with the STATUS of CONFIRMED locks in the terms of the reservation.

~~013-4.1.6.3~~ **Example 6c -** Multiple Step Negotiations

a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, CR_ACCEPTED, DECLINED, COUNTEROFFER, CR_COUNTEROFFER,

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or REFUSED. If the STATUS is set to INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.

c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER or CR_COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service. If ATC changes before the request reaches the STATUS of CONFIRMED, Seller may change the CAPACITY_GRANTED.

d. The Seller determines that the BID_PRICE is too low, sets the OFFER_PRICE to the desired value, and sets the STATUS to COUNTEROFFER or CR_COUNTEROFFER via the ***transsell*** template.

e. The Transmission Customer responds to the new OFFER_PRICE with an updated BID_PRICE and sets the STATUS to REBID for re-evaluation by the Seller.

f. The Seller determines that the BID_PRICE now is acceptable, and sets the STATUS to ACCEPTED or CR_ACCEPTED via the ***transsell*** template. The transition to ACCEPTED or CR_ACCEPTED state requires the OFFER_PRICE to be set to the BID_PRICE: accepting a reservation with an OFFER_PRICE different from BID_PRICE would require the STATUS be set to COUNTEROFFER or CR_COUNTEROFFER rather than ACCEPTED or CR_ACCEPTED (see Business Practice Standard WEQ-013-4.1.6.3.c).

g. The Transmission Customer agrees to the OFFER_PRICE and sets the STATUS to CONFIRM via the ***transcust*** template.

h. The OFFER_PRICE and CAPACITY_GRANTED with the STATUS as CONFIRMED locks in the terms of the reservation.

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~~013-4.1.6.4~~ **Example 6d -** Negotiations Declined by Seller

a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, CR_ACCEPTED, DECLINED, COUNTEROFFER, CR_COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.

c. The Seller determines that the BID_PRICE is too low, sets OFFER_PRICE to his desired value, and sets STATUS to COUNTEROFFER or CR_COUNTEROFFER via the ***transsell*** template.

d. The Transmission Customer responds to OFFER_PRICE with updated BID_PRICE and sets the STATUS to REBID via the ***transcust*** template for re-evaluation by Seller.

e. The Seller breaks off all further negotiations by setting the STATUS to DECLINED, indicating that the price is unacceptable and that he does not wish to continue negotiations.

~~013-4.1.6.5~~ **Example 6e -** Negotiations Withdrawn by Transmission Customer

a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest***. Initially the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, CR_ACCEPTED, DECLINED, COUNTEROFFER, CR_COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.

c. The Seller has the option of entering a CAPACITY_GRANTED and setting the STATUS to COUNTEROFFER or CR_COUNTEROFFER via the ***transell*** template if the Seller can only provide Partial Service.

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d. The Seller determines that the BID_PRICE is too low, sets the OFFER_PRICE to his desired value, and sets the STATUS to COUNTEROFFER or CR_COUNTEROFFER via the ***transsell*** template.

e. The Transmission Customer responds to the OFFER_PRICE with an updated BID_PRICE and sets the STATUS to REBID for re-evaluation by Seller.

f. The Seller determines that the BID_PRICE is still too low, sets the OFFER_PRICE to another value, and sets STATUS to COUNTEROFFER or CR_COUNTEROFFER via the ***transsell*** template.

g. The Transmission Customer breaks off all further negotiations, either because the OFFER_PRICE or CAPACITY_GRANTED are unacceptable, by setting STATUS to WITHDRAWN (or the Transmission Customer/Seller could go through additional iterations of REBID/COUNTEROFFER/CR_COUNTEROFFER until negotiations are broken off or the reservation is confirmed).

~~013-4.1.6.6~~ **Example 6~~d~~f -** Negotiations Superseded by Higher Priority Reservation

a. The Transmission Customer submits a Transmission Service reservation request with the BID_PRICE less than the CEILING_PRICE via the ***transrequest*** template. Initially the STATUS is set to QUEUED by the OASIS Node.

b. The Seller has the option of setting the STATUS via the ***transsell*** template to one of the following: INVALID, RECEIVED, STUDY, ACCEPTED, CR_ACCEPTED, DECLINED, COUNTEROFFER, CR_COUNTEROFFER, or REFUSED. If the STATUS is set to INVALID, DECLINED, or REFUSED, the Transmission Service reservation request is terminated.

c. If the Seller determines that another reservation has higher priority and must displace this request, he sets the STATUS of this request to SUPERSEDED and the negotiations are terminated.

d. However, if desired and permitted by the tariff, the Seller may set the STATUS of a request in any of these previous states (including COUNTEROFFER, CR_COUNTEROFFER ~~and~~ , ACCEPTED, and CR_ACCEPTED) to COUNTEROFFER or CR_COUNTEROFFER with an OFFER_PRICE which could avoid the request being superseded, thus allowing the Transmission Customer the choice of being SUPERSEDED or accepting the proposed OFFER_PRICE.

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~~013-4.1.7~~ **Example 7 - Audit Template examples**

The following examples are included to show the general type of audit report responses that could be expected to be returned by implementations of the audit reporting templates as documented above.

~~013-4.1.7.1~~ **Example 7a -** Offerings

The following is an example of a hypothetical audit query for DAILY NON_FIRM PTP offerings to the "DDD" POD for Monday August 17, 2007 (line breaks and indentations added to improve readability):

Response:

REQUEST_STATUS=200 ↵
ERROR_MESSAGE= ↵
TIME_STAMP=20070821091601ES↵
VERSION=1.5 ↵
TEMPLATE=transofferingaudit ↵
OUTPUT_FORMAT=DATA ↵
PRIMARY_PROVIDER_CODE=WXYZ ↵
PRIMARY_PROVIDER_DUNS=78912345 ↵
RETURN_TZ=ES ↵
DATA_ROWS=14 ↵
COLUMN_HEADERS=RECORD_TYPE, TIME_OF_LAST_UPDATE, MODIFYING_COMPANY_CODE, MODIFYING_NAME, TIME_OF_LAST_UPDATE, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DEL IVERY, INTERFACE_TYPE, OFFER_START_TIME, OFFER_STOP_TIME, START_TIME, STOP_TIME, CAPACITY, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, ANC_SVC_REQ, SALE_REF, POSTING_REF, CEILING_PRICE, OFFER_PRICE, PRICE_UNITS, SERVICE_DESCRIPTION, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, SELLER_COMMENTS , OFFER_INCREMENT ↵
U, 20070815131756ES, WXYZ, Jane Doe, 20070815131756ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,800, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com , , DAILY ↵

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U, 20070815124022ES, WXYZ, Jane Doe, 20070815124022ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,850, DAILY, NON-FIRM, POINT_TO_ POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, , DAILY ↵
U, 20070814120018ES, WXYZ, Joe Smith, 20070814120018ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,850, DAILY, NON-FIRM, POINT_TO_ POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵
I, 20070813171204ES, WXYZ, Supervisor, 20070813171204ES, WXYZ,78912345, X/WXYZ/AAA-DDD//, AAA, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,850, DAILY, NON-FIRM, POINT_TO _POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48732,102,95, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵
U, 20070815124022ES, WXYZ, Jane Doe, 20070815124022ES, WXYZ,78912345, X/WXYZ/BBB-DDD//, BBB, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,1200, DAILY, NON-FIRM, POINT_TO_ POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48783,102,85, $/MW-Day,,3,, Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com , , DAILY ↵
U, 20070814120022ES, WXYZ, Joe Smith, 20070814120022ES, WXYZ,78912345, X/WXYZ/BBB-DDD//, BBB, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,1200, DAILY, NON-FIRM, POINT_TO_ POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48783,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵
I, 20070813171210ES, WXYZ, Supervisor, 20070813171210ES, WXYZ,78912345, X/WXYZ/BBB-DDD//, BBB, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,1200, DAILY, NON-FIRM, POINT_TO_ POINT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48783,102,95, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵
U, 20070816101000ES, WXYZ, Supervisor, 20070816101000ES, WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,85, DAILY, NON-FIRM, POINT_TO_PO INT, FULL_PERIOD, FIXED,, SC:M;RF:M,,48820,102,102, $/MW-Day,,3,, Supervisor, 123-456-7810, 123-456-7801,, , DAILY ↵
U, 20070814143807ES, WXYZ, Supervisor, 20070814143807ES, WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES, 20070817000000ES, 20070817000000ES, 20070818000000ES,90, DAILY,

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NON-FIRM, POINT_TO_PO INT, FULL_PERIOD, FIXED,,
SC:M;RF:M,,48820,102,102, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵
U, 20070814120023ES, WXYZ, Joe Smith, 20070814120023ES,
WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES,
20070817000000ES, 20070817000000ES, 20070818000000ES,110, DAILY,
NON-FIRM, POINT_TO_P OINT, FULL_PERIOD, FIXED,,
SC:M;RF:M,,48820,102,90, $/MW-Day,,3,, Joe Smith, 123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵
I, 20070813171214ES, WXYZ, Supervisor, 20070813171214ES,
WXYZ,78912345, X/WXYZ/CCC-DDD//, CCC, DDD, E, 20070814000000ES,
20070817000000ES, 20070817000000ES, 20070818000000ES,110, DAILY,
NON-FIRM, POINT_TO_P OINT, FULL_PERIOD, FIXED,,
SC:M;RF:M,,48820,102,95, $/MW-Day,,3,, Supervisor, 123-456-7890, 123-456-7801,, , DAILY ↵
U, 20070815124023ES, WXYZ, Jane Doe, 20070815124023ES,
WXYZ,78912345, X/WXYZ/WXYZ-DDD//, WXYZ, DDD, E,
20070814000000ES, 20070817000000ES, 20070817000000ES,
20070818000000ES,340, DAILY, NON-FIRM, POINT_T O_POINT,
FULL_PERIOD, FIXED,, SC:M;RF:M,,48855,102,85, $/MW-Day,,3,, Jane Doe,
123-456-7813, 123-456-7801, doej@wxyz.com , , DAILY ↵
U, 20070814120023ES, WXYZ, Joe Smith, 20070814120023ES,
WXYZ,78912345, X/WXYZ/WXYZ-DDD//, WXYZ, DDD, E,
20070814000000ES, 20070817000000ES, 20070817000000ES,
20070818000000ES,340, DAILY, NON-FIRM, POINT_T O_POINT,
FULL_PERIOD, FIXED,, SC:M;RF:M,,48855,102,90, $/MW-Day,,3,, Joe Smith,
123-456-7893, 123-456-7801, smithj@wxyz.com , , DAILY ↵
I, 20070813171222ES, WXYZ, Supervisor, 20070813171222ES,
WXYZ,78912345, X/WXYZ/WXYZ-DDD//, WXYZ, DDD, E,
20070814000000ES, 20070817000000ES, 20070817000000ES,
20070818000000ES,340, DAILY, NON-FIRM, POINT_T O_POINT,
FULL_PERIOD, FIXED,, SC:M;RF:M,,48855,102,95, $/MW-Day,,3,,
Supervisor, 123-456-7890, 123-456-7801,, , DAILY↵

From this audit report, the DAILY NON_FIRM PTP offerings on the four paths to "DDD" (AAA-DDD, BBB-DDD, CCC-DDD, and WXYZ-DDD) were all originally posted by WXYZ's "Supervisor" at approximately 17:12 on August 13, 2007, at a price of $95.00/MWday discounted from a ceiling price of $102.00/MWday.
At approximately 12:00 on August 14, 2007, Joe Smith changed the offer price to $90.00/MWday on all four paths.

At 14:14 on August 14, 2007, "Supervisor" adjusted the capacity available on path X/WXYZ/CCC-DDD// to 90 MW (POSTING_REF = 48820) and set the offer price up to match the tariff ceiling rate (presumably due to the path now

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being constrained and released from the requirement to have discounted service offered at the same rate as all other unconstrained paths to DDD). Capacity on this path was last updated to a value of 85 MW at 10:10 on August 16, 2007, which is the current information posted on OASIS for this path at the time of the query.

Jane Doe adjusted the price on the three presumably unconstrained paths to DDD at 12:40 on August 15, 2007, to $85.00/MWday, which may have been in response to a negotiation for service on one of these paths. No further updates have occurred to the offerings on paths BBB-DDD and WXYZ-DDD since that time.

Finally, the capacity available on path X/WXYZ/AAA-DDD// was updated by Jane Doe from 850 to 800 MW at 13:17 on August 15, 2007, which may have corresponded with final confirmation of a reservation at a negotiated discount by the Transmission Customer that initiated the price change from $90.00/MWday to $85.00/MWday.

~~013-4.1.7.2~~ **Example 7b -** Reservations

The following is an example of a hypothetical audit query for a specific Transmission Service reservation (line breaks and indentations added to improve readability):

Response:

REQUEST_STATUS=200↵
ERROR_MESSAGE=↵
TIME_STAMP=19980821092048ES↵
VERSION=1.5↵
TEMPLATE=transstatusaudit↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=WXYZ↵
PRIMARY_PROVIDER_DUNS=78912345↵
RETURN_TZ=ES↵
DATA_ROWS=15↵
COLUMN_HEADERS=RECORD_TYPE, TIME_OF_UPDATE,
MODIFYING_COMPANY_CODE, MODIFYING_NAME,
CONTINUATION_FLAG, ASSIGNMENT_REF, SELLER_CODE,
SELLER_DUNS, CUSTOMER_CODE, CUSTOMER_DUNS,
AFFILIATE_FLAG, PATH_NAME, POINT_OF_RECEIPT,
POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED,
CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE,
TS_PERIOD, TS_WINDOW, TS_SUBCLASS,

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NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY, START_TIME, STOP_TIME, CEILING_PRICE, OFFER_PRICE, BID_PRICE, PRICE_UNITS, PRECONFIRMED, ANC_SVC_LINK, ANC _SVC_REQ, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, IMPACTED, COMPETING_REQUEST_FLAG, REQUEST_TYPE, RELATED_REF, NEGOTIATED_PRICE_FLAG, STATUS, STATUS_NOTIFICATION, STATUS_COMMENTS, TIME_QUEUED, RESPONSE_TIME_LIMIT, TIME_OF_LAST_UPDATE, PRIMARY_PROVIDER_COMMENTS, SELLER_REF, SELLER_COMMENTS, CUSTOMER_COMMENTS, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, CUSTOMER_NAME, CUSTOMER_PHONE, CUSTOMER_FAX, CUSTOMER_EMAIL, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME, REASSIGNED_STOP_TIME, PRIMARY_PROVIDER_APPROVAL, PRIMARY_PROVIDER_PROVISIONS, ROLLOVER_WAIVED, CG_STATUS, CG_DEADLINE↵
U, 20070815131629ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,85,85, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, L, CONFIRMED, , , 20070815121510ES, 20070815144100ES, 20070815131629ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-9100, a .trader@defmarketing.com, , , , ,,, ↵
U,,,, Y,104392,,,,,,,,,,75,75,,,,,,,, 20070818000000ES, 20070819000000ES,,85,85,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,100,100,,,,,,,, 20070819000000ES, 20070820000000ES,,85,85,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U, 20070815125042ES, WXYZ, Jane Doe, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,85,82, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, L, COUNTEROFFER, , , 20070815121510ES, 20070815144100 ES, 20070815125042ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-910 0, a.trader@defmarketing.com, , , , ,,, ↵
U,,,, Y,104392,,,,,,,,,,75,75,,,,,,,, 20070818000000ES, 20070819000000ES,,85,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,100,100,,,,,,,, 20070819000000ES, 20070820000000ES,,85,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U, 20070815124811ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,90,82, $/MW-Day, N, ,

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SC:M;RF:M, , , , ,,, ORIGINAL,, , REBID, , , 20070815121510ES, 20070815144100ES, 20070 815124811ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-9100, a.trader @defmarketing.com,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,75,75,,,,,,,, 20070818000000ES, 20070819000000ES,,90,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,100,100,,,,,,,, 20070819000000ES, 20070820000000ES,,90,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U, 20070815124100ES, WXYZ, Jane Doe, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,90,80, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, , COUNTEROFFER, , , 20070815121510ES, 20070815144100 ES, 20070815124100ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-910 0, a.trader@defmarketing.com,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,75,75,,,,,,,, 20070818000000ES, 20070819000000ES,,90,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,100,100,,,,,,,, 20070819000000ES, 20070820000000ES,,90,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
I, 20070815121510ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,,80, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, , QUEUED, , , 20070815121510ES, , 20070815121510ES, ,, , , Company Default, 123-456-7800, 123-456-7801, , Alan Trader, 312-678-9104, 312-678-9100, a.trader@defmarketing.com,,,,,, ↵
I,,,, Y,104392,,,,,,,,,,75,,,,,,,,, 20070818000000ES, 20070819000000ES,,,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
I,,,, Y,104392,,,,,,,,,,100,,,,,,,,, 20070819000000ES, 20070820000000ES,,,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵

First, this example shows the handling of continuation records which conveyed a time varying demand of 50 MW on August 1, 2007, 75 MW on August 18, 2007, and 100 MW on August 19, 2007. This demand profile was initially entered with the original reservation request (***transrequest*** template) at 12:15 on August 15, 2007, by Alan Trader.

As part of the original reservation, Alan Trader attempted to negotiate a price for service of $80./MWday. Jane Doe responded to this request with a counter offer at the non-negotiated rate of $90./mwday at 12:41 on August 15, 2007. The RESPONSE_TIME_LIMIT Data Element has been updated to reflect the time by which the Transmission Customer must confirm service

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At 12:48, Alan Trader attempted to negotiate further for a rate of $82.00 /MWday and the reservation status was set to REBID. Jane Doe responded at 12:50 with a second counter offer restating a negotiated rate of $85.00/MWday, which Alan Trader finally agreed to at 13:16 on August 15, 2007. The current posted information on OASIS would show this final confirmed reservation.

~~013-4.1.8~~ **Example 8 - Reservation Reductions**

The following is an example of the ***reduction*** template response format for a reservation, 123456, for one day of service at 50 MWs. Assume that 1) the Transmission Customer has redirected 20 MWs for that day on reservation 987654, 2) resold 10 MWs during the off-peak hours on reservation 345678, and 3) had service starting at 16:00 reduced in priority for two hours.

Response:

REQUEST_STATUS=200↵
ERROR_MESSAGE=↵
TIME_STAMP=20070207091601ES↵
VERSION=1.5↵
TEMPLATE=reduction↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=WXYZ↵
PRIMARY_PROVIDER_DUNS=78912345↵
RETURN_TZ=ES↵
DATA_ROWS=13↵
COLUMN_HEADERS=CONTINUATION_FLAG, ASSIGNMENT_REF, CAPACITY_GRANTED, CAPACITY_AVAILABLE, START_TIME, STOP_TIME, REDUCTION_TYPE, REDUCTION_REASON, IMPACTING_REF, CAPACITY_REDUCED, NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY↵
N,1234567,50,20, 20070206000000ES, 20070206070000ES,,,,, , ↵
Y,1234567,,,,, REDIRECT,,987654,-20, , ↵
Y,1234567,,,,, RESALE,,345678,-10, , ↵
N,1234567,50,30, 20070206070000ES, 20070206160000ES,,,,, , ↵
Y,1234567,,,,, REDIRECT,,987654,-20, , ↵
N,1234567,50,30, 20070206160000ES, 20070206180000ES,,,,, , ↵
Y,1234567,,,,, REDIRECT,,987654,-20, , ↵
Y,1234567,,,,, CONDITIONAL_EVENT, OSL violation on line xyz,,30,6, ↵
N,1234567,50,30, 20070206180000ES, 20070206230000ES,,,,, , ↵
Y,1234567,,,,, REDIRECT,,987654,-20, , ↵
N,1234567,50,20, 20070206230000ES, 20070207000000ES,,,,, , ↵
Y,1234567,,,,, REDIRECT,,987654,-20, , ↵
Y,1234567,,,,, RESALE,,345678,-10, , ↵

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~~**WEQ-013-4.1.9**~~ Example 9 - **Process Flow Example for Service Across Multiple Transmission Systems**

This example is provided to show the general flow of the process for service across multiple transmission systems. It includes a graphical representation of the example (Figure yyyy) followed by a description of the coordination process utilized by for this example.

In this example the Transmission Customer desires to establish a Coordinated Group for a 12 month period. The Transmission Customer already has 6 months of service reserved on Transmission Provider 1, so the Transmission Customer only needs an additional 6 months on that system. He decides to submit a Coordinated Group with a Monthly Firm request on Transmission Provider 1's system, a Yearly PTP Firm request on Transmission Provider 2's system and a Yearly PTP Firm request on Transmission Provider 3's system.

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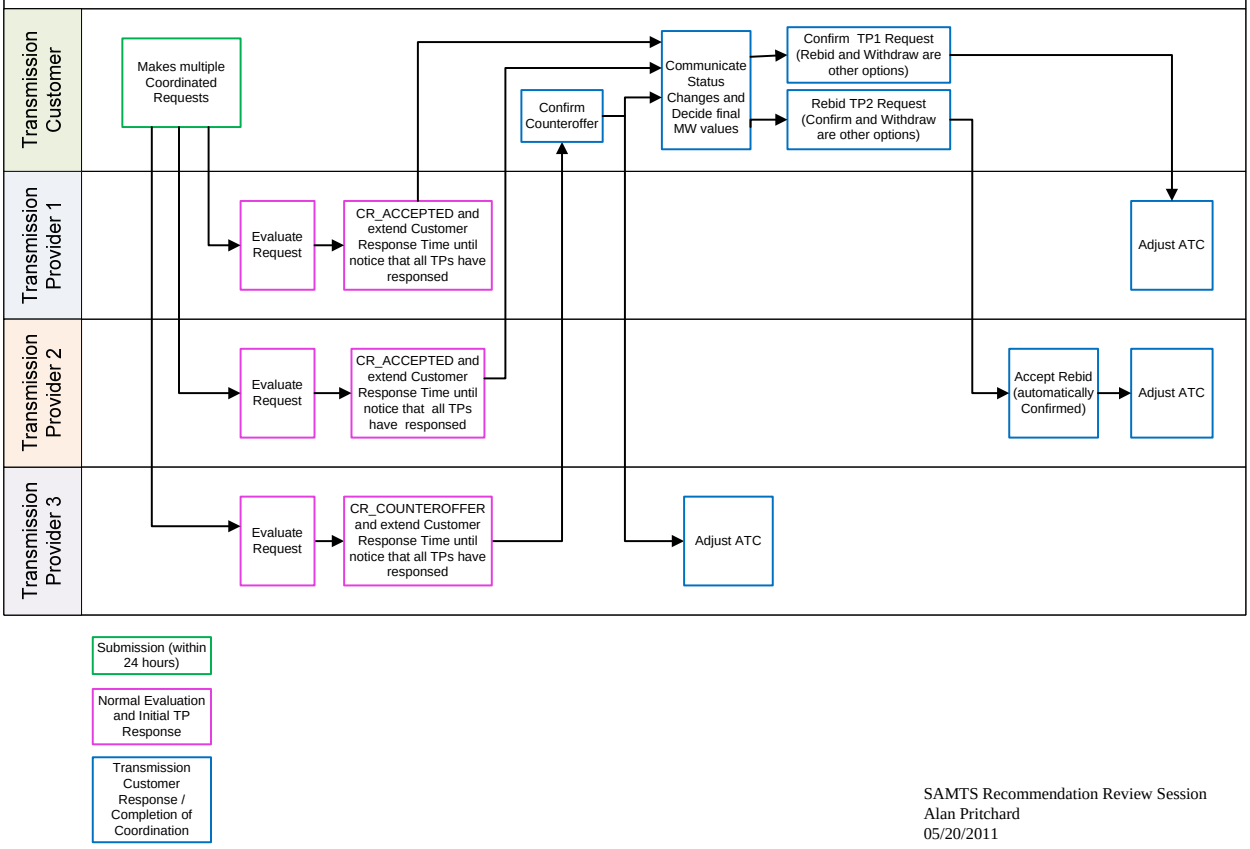
Example yyyy: SAMTS Example of Coordination of Three Requests on Three Transmission Systems



SAMTS Recommendation Review Session
Alan Pritchard
05/20/2011

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Submission:

The first step in the process shows the Transmission Customer making multiple Coordinated Requests. In this example, the Transmission Customer makes one request on each of three systems. The following steps may be taken by the Transmission Customer:

5. The Transmission Customer submits a pre-confirmed Monthly Firm PTP request on Transmission Provider 1's system and indicates that the request is part of a Coordinated Group by setting CG_STATUS to "PROPOSED". Upon submission, Transmission Provider 1 starts a 24 hour timer (CG_DEADLINE) for the Transmission Customer to finish submitting the required information about the Coordinated Group.

6. The Transmission Customer submits a pre-confirmed Yearly Firm PTP request on Transmission Provider 2's system and indicates that the request is part of a Coordinated Group by setting the CG_STATUS flag to "PROPOSED". Upon submission, Transmission Provider 2 starts a 24 hour timer (CG_DEADLINE) for the Transmission Customer to finish submitting the required information about the Coordinated Group.

7. The Transmission Customer submits a pre-confirmed PTP request on Transmission Provider 3's system and indicates that the request is part of a Coordinated Group by setting the CG_STATUS flag to "PROPOSED". Upon submission, Transmission Provider 3 starts a 24 hour timer (CG_DEADLINE) for the Transmission Customer to finish submitting the required information about the Coordinated Group.

8. After all three requests have been submitted the Transmission Customer returns to each of the requests and submits the additional information for the Coordinated Group:

    a. Prior to the end of the 24-hour deadline on Transmission Provider 1's system, the Transmission Customer opens the Coordinated Request on Transmission Provider 1 and adds information on the existing 6 month reservation, information on the Coordinated Request on Transmission Provider 2 and information on the Coordinated Request on Transmission Provider 3. Upon filling in the required information, the Transmission Customer attests that the contiguity requirements have been met by setting CG_STATUS to "ATTESTED". (Transmission Provider 1 may begin

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evaluation of the request as soon as CG_STATUS is set to "ATTESTED.")

b. Prior to the end of the 24-hour deadline on Transmission Provider 2's system, the Transmission Customer opens the Coordinated Request on Transmission Provider 2 and adds information on the existing 6 month reservation on Transmission Provider 1, information on the Coordinated Request on Transmission Provider 1 and information on the Coordinated Request on Transmission Provider 3. Upon filling in the required information, the Transmission Customer attests that the contiguity requirements have been met by setting CG_STATUS to "ATTESTED". (Transmission Provider 2 may begin evaluation of the request as soon as CG_STATUS is set to "ATTESTED.")

c. Prior to the end of the 24-hour deadline on Transmission Provider 3's system, the Transmission Customer opens the Coordinated Request on Transmission Provider 3 and Transmission Customer adds information on the existing 6 month reservation on Transmission Provider 1, information on the Coordinated Request on Transmission Provider 1 and information on the Coordinated Request on Transmission Provider 2. Upon filling in the required information, the Transmission Customer attests that the contiguity requirements have been met by setting CG_STATUS to "ATTESTED". (Transmission Provider3 may begin evaluation of the request as soon as CG_STATUS is set to "ATTESTED.")

Evaluation and Initial Transmission Provider Response

In the next step in the process, each Transmission Provider evaluates the Coordinated Request as would be done for any other request. If the request can be accommodated, the Transmission Provider sets the status to CR_ACCEPTED. If the request cannot be accommodated in full, the Transmission Provider may set the status to CR_COUNTEROFFER. If there is no capacity to accommodate the request the Transmission Provider will set the status to REFUSED.

2. In this example Transmission Provider 3 responds first and sets the status to CR_COUNTEROFFER. (Transmission Provider 3 waits to learn the disposition of the other two Coordinated Requests before establishing the Transmission Customer Response Time.)

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Upon learning the status of this Coordinated Request, the Transmission Customer edits the Coordinated Requests on Transmission Provider 1 and Transmission Provider 2 to show the following information:

3. CR_DISPOSITION for the Coordinated Request on Transmission Provider 3 is set to PARTIAL.
4. CR_DISPOSITION_TIME for the Coordinated Request on Transmission Provider 3 is set equal to the date and time Transmission Provider 3 set the status to CR_COUNTEROFFER.

2. In this example, Transmission Provider 2 responds next and sets the status to CR_ACCEPTED. (Transmission Provider 2 knows the disposition of the request on Transmission Provider 3 but must wait to learn the disposition of the Coordinated Request on Transmission Provider 1 before establishing the Transmission Customer Response Time.)

   Upon learning the status of this Coordinated Request, the Transmission Customer edits the Coordinated Requests on Transmission Provider 1 and Transmission Provider 3 to show the following information:

   3. CR_DISPOSITION for the Coordinated Request on Transmission Provider 2 is set to FULL.
   4. CR_DISPOSITION_TIME for the Coordinated Request on Transmission Provider 2 is set equal to the date and time Transmission Provider 2 set the status to CR_ACCEPTED.

3. In this example, the Transmission Customer decides to accept the counteroffered capacity on the Coordinated Request on Transmission Provider 3's system. This is permissible and is done by changing the status of the Coordinated Request to "CONFIRMED". The Transmission Customer should not change the CR_DISPOSITION or CR_DISPOSITION_TIME of this request on either of the other two Coordinated Requests in the Coordinated Group as this information has already been established above in step 1.

4. In this example, Transmission Provider 1 is the last to respond and sets the status to CR_ACCEPTED. (Transmission Provider 1 knows the disposition of the request on Transmission Provider 2 and also knows the disposition of the Coordinated Request on

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Transmission Provider 3. Transmission Provider 3 establishes the Transmission Customer Response Time, since the longest Confirmation Time Limit for any of the Coordinated Requests is for yearly firm. Transmission Provider 1 sets the Transmission Customer Response Time to 15 days after the date and time that the status of Transmission Provider 1's request was set to CR_ACCEPTED.)

Upon learning the status of this Coordinated Request, the Transmission Customer edits the Coordinated Request on Transmission Provider 2 to show the following information:

3. CR DISPOSITION for the Coordinated Request on Transmission Provider 1 is set to FULL.
4. CR DISPOSITION TIME for the Coordinated Request on Transmission Provider 1 is set equal to the date and time Transmission Provider 1 set the status to CR_ACCEPTED.

Transmission Provider 2, upon learning the disposition of the Coordinated Request on Transmission Provider 1, knows the disposition of all three Coordinated Requests in the Coordinated Group. Transmission Provider 2 sets the Transmission Customer Response Time for the Coordinated Request on his system. Since the longest Confirmation Time Limit for any of the Coordinated Requests is for yearly firm, the Transmission Customer Response Time is established as 15 days after the CR DISPOSITION TIME of the Coordinated Request on Transmission Provider 1. (Note that the date and time of both Transmission Customer Response Times are equal.)

Transmission Customer Response and Completion of Coordination

The final step in the process occurs when the Transmission Customer makes a final determination of the capacity and status for each of the requests. In this example, the Transmission Customer made the decision to confirm the counteroffered capacity of the Coordinated Request on Transmission Provider 3 prior to knowing the status of the Coordinated Request on Transmission Provider 1. Therefore, the Transmission Customer has no further opportunity to modify the capacity or status of the confirmed request on Transmission Provider 3.

Since the CR ACCOMMODATED value for the request on Transmission Provider 3 is "PARTIAL", the Transmission Customer may CONFIRM, REBID, or WITHDRAW the Coordinated Requests on Transmission Provider 1 and Transmission Provider 2. In this example, the Transmission Customer decides to CONFIRM the requested capacity on Transmission Provider 1 but wishes to reduce the capacity of the Coordinated Request on Transmission Provider 2.

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The Transmission Customer is permitted to REBID the capacity of the Coordinated Request on Transmission Provider 2 and Transmission Provider 2 is required to ACCEPT the REBID, thereby moving the status to CONFIRMED.

At this point all of the Coordinated Requests are in a final state (CONFIRMED) and there is no further coordination of these requests.

~~013-4.2~~013-D Appendix D~~Example 9 -~~ ANCILLARY SERVICE LINKAGE EXAMPLES

The following examples document the handling of ancillary service linkage to Transmission Service requests/reservations using the ANC_SVC_LINK Data Element.

Example ~~1~~19~~a~~:

Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU are required, but will be defined at a future time.

"SC: (TPEL:RQ); RV: (TPEL:RQ); RF:(:FT); EI:(:FT); SP:(:FT); SU:(:FT)";

Example ~~2~~29~~b~~:

Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and RF, EI, SP and SU are self-supplied. The CUSTOMER_CODE is "CPSE"

"SC: (TPEL:RQ); RV: (TPEL:RQ); RF:(CPSE:SP); EI:(CPSE:SP); SP:(CPSE:SP); SU:(CPSE:SP)"

Example ~~3~~39~~c~~:

Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU were purchased via a prior OASIS reservation from Seller "SANC" whose reservation number was "39843". There is sufficient capacity within the Ancillary reservation to handle this Transmission Service reservation.

"SC:(TPEL:RQ); RV:(TPEL:RQ); RF:(SANC:AR:39843); EI:(SANC:AR:39843) SP:(SANC:AR:39843); SU:(SANC:AR:39843)"

Example ~~4~~49~~d~~:

Assume ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU were

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purchased via prior OASIS reservations from Sellers SANC and TANC, whose reservation numbers where 8763 and 9824 respectively. There is not sufficient capacity within the ancillary reservation from Seller SANC to handle this Transmission Service reservation. In this case the OASIS reservation number 8763 will be depleted for the time frame specified within the Transmission Service reservation and the remaining required amount will come from reservation number 9824.

"SC:(TPEL:RQ); RV:(TPEL:RQ); RF:((SANC:AR:8763)(TANC:AR:9824));
EI:((SANC:AR:8763)(TANC:AR:9824));
SP:((SANC:AR:8763)(TANC:AR:9824));
SU:((SANC:AR:8763)(TANC:AR:9824))"

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Example ~~5~~59~~e~~:

Assume a Transmission Service reservation in the amount of $100.00/MWhour for a period of one day is made. Ancillary services SC and RV are mandatory from the Transmission Provider, whose code is TPEL, and ancillary services RF, EI, SP and SU were purchased via prior OASIS reservations from Sellers SANC and TANC, whose reservation numbers where 8763 and 9824 respectively. There is sufficient capacity within the ancillary reservation from Seller SANC to handle this Transmission Service reservation, however the purchaser wishes to use only 40 MWs from this Seller. In this case the OASIS reservation number 8763 will be depleted in the amount of 40 MWs for the time frame specified within the Transmission Service reservation and the remaining required amount will come from reservation number 9824.

"SC:(TPEL:RQ); RV:(TPEL:RQ); RF:((SANC:AR:8763:40)(TANC:AR:9824));
EI:((SANC:AR:8763:40)(TANC:AR:9824));
SP:((SANC:AR:8763:40)(TANC:AR:9824));
SU:((SANC:AR:8763:40)(TANC:AR:9824))"

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4. SUPPORTING DOCUMENTATION

a. Description of Request:

5 Maintain existing body of Version 2.x standards

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)

R08001

Consistency changes to WEQ-001, which were presented to the WEQ Leadership Team on December 12, 2007:

- **Introduction – Add an introductory paragraph which briefly describes the purposes of the business practice.**
- **Applicability – After the Introduction section, add an Applicability section and list the entities that are impacted by this business practice.**
- **Section 2.5 (Ancillary Services Definitions and Other Services Definitions) should be moved to Definitions of Terms.**
- **Section 2.6.1 and Section 2.6.2 should be moved to Definition of Terms. Section WEQ 001-2.6 should be marked as "Reserved."**

R08002

Consistency changes to WEQ-002, which were presented to the WEQ Leadership Team on December 12, 2007:

- **Introduction – Add an introductory paragraph which briefly describes the purposes of the business practice.**
- **Applicability – After the Introduction section, add an Applicability section and list the entities that are impacted by this business practice.**

R08003

Consistency changes to WEQ-003, which were presented to the WEQ Leadership Team on December 12, 2007:

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Request Title: Make consistency changes to Version 2.2

- **Introduction – At the beginning of the document add an Introduction section including a paragraph, which briefly describes the purposes of the business practice.**
- **Applicability – After the Introduction section, add an Applicability section and list the entities that are impacted by this business practice.**

R08005

Consistency changes to WEQ-013, which were presented to the WEQ Leadership Team on December 12, 2007:

- **Applicability – After the Introduction section, add an Applicability section and list the entities that are impacted by this business practice.**
- **Move section WEQ 013-4 and its subsections to an appendix. This will enable the document to be expanded in the future and maintain all the examples in a single location.**

b. Description of Recommendation:

See Section 3 Summary

c. Business Purpose:

Implementation of FERC Orders 890, 890-A, 890-B and 890-C.

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

NAESB will need to add appropriate links to this section.

- Meeting Minutes
  - o July 25-26, 2011
  - o August 2-4, 2011

MC11029

Request for Minor Correction/Clarification of a NAESB Business Practice Standard, Model Business Practice or Electronic Transaction

Date of Request: October 17, 2011

1. Submitting Entity & Address:

JT Wood
Southern Company Services Inc.
600 North 18th Street
Birmingham, AL 35291-8210

2. Contact Person, Phone #, Fax #, Electronic Mailing Address:

Name : JT Wood
Title : Reliability Standards Project Manager
Phone : 205-257-6238
Fax : 205-257-5780
E-mail : jtwood@southernco.com

3. Version and Standard Number(s) suggested for correction or clarification:

NAESB WEQ Business Practice Standards, Version 003:
NAESB WEQ Business Practice Standards WEQ-001 (OASIS), Version 1.6
NAESB WEQ Business Practice Standards WEQ-002 (OASIS S &CP), Version 1.6
NAESB WEQ Business Practice Standards WEQ-013 (OASIS Implementation Guide), Version 1.6

4. Description of Minor Correction/Clarification including redlined standards corrections:

Minor correction to NAESB WEQ Business Practice Standard WEQ-001 (OASIS) is highlighted in YELLOW below:

001-4.7.2 If the Transmission Provider determines there is sufficient ATC ~~available~~ to grant the Transmission Customer's request and the customer's bid price is at least equal to the Transmission Provider's current posted offer price over time and all other Transmission Provider requirements have been met, the Transmission Provider shall respond by setting the request status to ACCEPTED, or for a Coordinated Request the Transmission Provider shall respond by setting the request to CR_ACCEPTED.

MC11029

Request for Minor Correction/Clarification of a NAESB Business Practice Standard, Model Business Practice or Electronic Transaction

Minor corrections to NAESB WEQ Business Practice Standard WEQ-002 (OASIS S&CP) is highlighted in YELLOW below:

002-4.3.1 OASIS Template Summary

Process Area	Process Name	Template(s)
4.3.2 Query/Response of Posted Services Being Offered	Transmission Capacity Offerings Available for Purchase (query/response)	transoffering
	Ancillary Services Available for Purchase (query/response)	ancoffering
4.3.8 Purchase of Ancillary Service	Transmission Customer Requests to Purchase ~~of~~ Ancillary Services (input/response)	ancrequest

002-4.3.11 OASIS Audit Log

The OASIS audit log report facility shall be implemented by the definition of the following OASIS Templates:

transofferingaudit - audit counterpart to ***transoffering***
ancofferingaudit - audit counterpart to ***ancoffering***
scheduledetailaudit - audit counterpart to ***scheduledetail***
securityaudit - audit counterpart to ***security***
systemdataaudit - audit counterpart to ***systemdata***
transstatusaudit - audit counterpart to ***transstatus***
cgstatusaudit - audit counterpart to ***cgstatus***
cgupdateaudit - audit counterpart to ***cgupdate***
ancstatusaudit - audit counterpart to ***ancstatus***
personnelaudit - audit counterpart to ***personnel***
discretionaudit - audit counterpart to ***discretion***
stdconductaudit - audit counterpart to ***stdconduct***

MC11029

Request for Minor Correction/Clarification of a NAESB Business Practice Standard, Model Business Practice or Electronic Transaction

Minor corrections to NAESB WEQ Business Practice Standard WEQ-013 (OASIS Implementation Guide) is highlighted in YELLOW below:

013-4.1.5 File Examples of the Use of Continuation Records

a. Basic Continuation Records

The first example of the use of Continuation Records is for the ***transrequest*** template submitted by a Transmission Customer, "MOP" for purchase of a Transmission Service reservation spanning 16 hours from 06:00 to 22:00 with "ramped" demand at beginning and end of time period. Two additional reservation requests are also submitted in this request prior to and following the profile to demonstrate the handling of ASSIGNMENT_REF by the OASIS Node. The last request is for a purchase from a Reseller, "EFG".

The OASIS S&CP identifies which Data Elements may appear in continuation records. For profiled request of capacity, the Data Elements START_TIME, STOP_TIME, CAPACITY_REQUESTED, and BID_PRICE are repeated in continuation records to define each segment of the profiled requests. Specification of any values corresponding to COLUMN_HEADERs that are not specified as being allowed in continuation records will be ignored, however commas must be included to properly align the Data Elements associated with each continuation record.

Input:

VERSION=1.5↵
TEMPLATE=transrequest↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=7↵
COLUMN_HEADERS=CONTINUATION_FLAG, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK,CAPACITY_REQUESTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, STATUS_NOTIFICATION, START_TIME, STOP_TIME, BID_PRICE, PRECONFIRMED, ANC_SVC_LINK, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF,
CUSTOMER_COMMENTS,REQUEST_TYPE,RELATED_REF, ROLLOVER_WAIVED, CG_STATUS↵
N, AAA,123456789, X/AEF/CEF-ECS//, CEF, ECS,,,35, DAILY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,, /AAA/incoming?ref=R765,

MC11029

Request for Minor Correction/Clarification of a NAESB Business Practice Standard, Model Business Practice or Electronic Transaction

20070423000000ES, 20070424000000ES,24.5, NO,,,, R765, D123, Standard daily reservation, ORIGINAL,,~~N~~, ↵
N, AAA,123456789,, AEF, MPO,,,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, /AAA/incoming?ref=R766, 20070423060000ES, 20070423070000ES,2.5, YES,,,, R766, D123, First piece of profile spanning 5 records, ORIGINAL,,~~N~~, ↵
Y,,,,,,,,10,,,,,,,, 20070423070000ES, 20070423080000ES,2.5,,,,,,,,,,↵
Y,,,,,,,,15,,,,,,,, 20070423080000ES, 20070423200000ES,2.5,,,,,,,,,,↵
Y,,,,,,,,10,,,,,,,, 20070423200000ES, 20070423210000ES,2.5,,,,,,,,,,↵
Y,,,,,,,,5,,,,,,,, 20070423210000ES, 20070423220000ES,2.5,,,,,,,,,, ↵
N, EFG,678912345, X/AEF/CEF-ECS//, CEF, ECS,,,20,DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,, /AAA/incoming?ref=R767, 20070423040000ES, 20070423160000ES,2, YES,,,, R767, D123, Resale hourly reservation after profiled reservation, RESALE,,~~N~~,↵

Response:

REQUEST_STATUS=200↵
ERROR_MESSAGE=Success ↵
TIME_STAMP=20070422160523ES ↵
VERSION=1.5↵
TEMPLATE=transrequest↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=7↵
COLUMN_HEADERS=RECORD_STATUS, CONTINUATION_FLAG, ASSIGNMENT_REF, SELLER_CODE, SELLER_DUNS, PATH_NAME, POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE, TS_PERIOD, TS_WINDOW, TS_SUBCLASS, STATUS_NOTIFICATION, START_TIME, STOP_TIME, BID_PRICE, PRECONFIRMED, ANC_SVC_LINK, POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, CUSTOMER_COMMENTS, REQUEST_TYPE, RELATED_REF, ROLLOVER_WAIVED, CG_STATUS, ERROR_MESSAGE↵
200,N,23879032, AAA,123456789, X/AEF/CEF-ECS//, CEF, ECS,,,35, DAILY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,, /AAA/incoming?ref=R765, 20070423000000ES, 20070424000000ES,24.5, NO,,,, R765, D123, Standard daily reservation, ORIGINAL,,~~N~~,, No Error↵
200,N,23879037, AAA,123456789,, AEF, MPO,,,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,, /AAA/incoming?ref=R766, 20070423060000ES, 20070423070000ES,2.5, YES,,,, R766, D123, First piece of profile spanning 5 records, ORIGINAL,,~~N~~,, No Error↵
200,Y,23879037,,,,,,,,10,,,,,,,, 20070423070000ES, 20070423080000ES,2.5,,,,,,,,,,, No Error↵

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200,Y,23879037,,,,,,,,15,,,,,,,, 20070423080000ES,
20070423200000ES,2.5,,,,,,,,,,,, No Error↵
200,Y,23879037,,,,,,,,10,,,,,,,, 20070423200000ES,
20070423210000ES,2.5,,,,,,,,,,,, No Error↵
200,Y,23879037,,,,,,,,5,,,,,,,, 20070423210000ES,
20070423220000ES,2.5,,,,,,,,,,,, No Error↵
200,N,23879040, EFG,678912345, X/AEF/CEF-ECS//, CEF,
ECS,,,20,DAILY, FIRM, POINT_TO_POINT,FULL_PERIOD, FIXED,,
/AAA/incoming?ref=R767, 20070423040000ES, 20070423160000ES,2,
YES,,,, R767, D123, Resale hourly reservation after profiled reservation,
RESALE,,~~N~~,, No Error↵

d. Query of Transmission Service Reservation Status:

The following is a hypothetical response to a ***transstatus*** query that might be delivered for reservations starting on April 23, 2007.

Input:

<appropriate query name/value pairs to return reservations for April 23, 2007>

Response:

REQUEST_STATUS=200↵
ERROR_MESSAGE=No error. ↵
TIME_STAMP=20000423160523ES↵
VERSION=1.5↵
TEMPLATE=transstatus↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=AAA↵
PRIMARY_PROVIDER_DUNS=123456789↵
RETURN_TZ=ES↵
DATA_ROWS=10↵
COLUMN_HEADERS=CONTINUATION_FLAG, ASSIGNMENT_REF,
SELLER_CODE, SELLER_DUNS, CUSTOMER_CODE,
CUSTOMER_DUNS, AFFILIATE_FLAG, PATH_NAME,
POINT_OF_RECEIPT, POINT_OF_DELIVERY, SOURCE,
SINK,CAPACITY_REQUESTED,CAPACITY_GRANTED,
SERVICE_INCREMENT, TS_CLASS, TS_TYPE,
TS_PERIOD,TS_WINDOW, TS_SUBCLASS,
NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY,
START_TIME, STOP_TIME, CEILING_PRICE, OFFER_PRICE,
BID_PRICE, PRICE_UNITS, PRECONFIRMED, ANC_SVC_LINK,
ANC_SVC_REQ, POSTING_REF, SALE_REF, REQUEST_REF,
DEAL_REF, IMPACTED, COMPETING_REQUEST_FLAG,
REQUEST_TYPE, RELATED_REF, NEGOTIATED_PRICE_FLAG,
STATUS, STATUS_NOTIFICATION, STATUS_COMMENTS,

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TIME_QUEUED, RESPONSE_TIME_LIMIT, TIME_OF_LAST_UPDATE, PRIMARY_PROVIDER_COMMENTS, SELLER_REF, SELLER_COMMENTS, CUSTOMER_COMMENTS, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, CUSTOMER_NAME, CUSTOMER_PHONE, CUSTOMER_FAX, CUSTOMER_EMAIL, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME , REASSIGNED_STOP_TIME, PRIMARY_PROVIDER_APPROVAL, PRIMARY_PROVIDER_PROVISIONS, ROLLOVER_WAIVED, CG_STATUS, CG_DEADLINE ↵
N,8207, RSELLR,234567890, ACSTMR,987654321, N, , CE, VP, ,,10,10, HOURLY, FIRM, POINT_TO_POINT, OFF_PEAK, FIXED,,7,, 20070423000000ES, 20070423060000ES,,2,2, $/MW-Hour, NO, SC:(AEP:AR:121);RV:(AEP:AR:122);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, , S1235, , ,0,, RESALE,, L, CONFIRMED,, , 20070422121354ES,, 20070422123054ES, Transmission Provider Comments go here,, Seller comments go here, Transmission Customer comments go here, Joe Smith, (777)-312-7456, (777)-312-7450, jsmith@xyz.com, John Dealer, (534)-223-4567,,,7019,10, 20070423000000ES, 20070423060000ES,,,~~N~~,, ↵
Y,8207,,,,,,,,,,10,10,,,,,,,, 20070423220070ES, 20070424000000ES,,2,2,,,,,,,,,,,,,,,,,,,,,,,,,,,,7019,10, 20070423220070ES, 20070424000000ES,,,~~N~~,, ↵
N,8234, AAA,123456789, CUSTMR,345678912, N, , CE, MECS, ,,35,35, DAILY, FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,7,, 20070423000000ES, 20070424000000ES,42,24.5,24.5, $/MW-Day, NO, SC:(AEP:AR:123);RV:(AEP:AR:124);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,, L, CONFIRMED, pub/AAA/incoming,, 20070422131354ES, 20070422173354ES, 20070422133354ES, Standard daily reservation,, System Operator, Transmission Customer comments go here, Frank Orth, (999)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,,~~N~~,, ↵
N,8235, AAA,123456789, CUSTMR,345678912, N, , CE, AMPO, ,,5,5, HOURLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED,,2,, 20070423060000ES, 20070423070000ES,2,2,2, $/MW-Hour, NO, SC:(AEP:AR:125);RV:(AEP:AR:126);RF:(FT);EI:(FT);SP:(FT);SU:(FT);, SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,, ORIGINAL,,, CONFIRMED, pub/AAA/incoming,, 20070422160523ES, 20070422171203ES, 20070422170523ES, Profile verified,, First piece, Transmission Customer comments go here, System Operator, (888)-123-4567, (888)-123-1231, jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,,~~N~~,, ↵
Y,8235,,,,,,,,,,10,10,,,,,,,, 20070423070000ES, 20070423080000ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
Y,8235,,,,,,,,,,15,15,,,,,,,, 20070423080000ES, 20070423200700ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵

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Y,8235,,,,,,,,,,,10,10,,,,,,,,, 20070423200700ES,
20070423210000ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
Y,8235,,,,,,,,,,,5,5,,,,,,,,, 20070423210000ES,
20070423220070ES,2.5,2.5,2.5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
N,8242, AAA,123456789, CUSTMR,345678912, N, , CE, VP,
,,20,20,WEEKLY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD,
FIXED,,4,, 20070423000000ES, 20070430000000ES,123,123,123,$/MW-Week, NO,
SC:(AEP:AR:127);RV:(AEP:AR:128);RF:(FT);EI:(FT);SP:(FT);SU:(FT);,
SC:M;RV:M;RF:U;EI:U;SP:U;SU:U;, P0123 , S123, R765, D123,0,,
ORIGINAL,,, CONFIRMED, pub/AAA/incoming,, 20070422160723ES,
20070422223024ES, 20070422171523ES, Bid price refused,, Negotiated
OFFER_PRICE accepted,, Joe Smith, (888)-123-4567, (888)-123-1231,
jsmith@xyz.com, Jane Doe, (999)-123-4567, (999)-123-8823,,,,,,,~~N~~,, ↵
Y,8242,,,,,,,,,,,18,18,,,,,,,,, 20070430000000ES,
20070507000000ES,123,123,123,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,~~N~~,, ↵

013-4.1.7.2 Reservations

The following is an example of a hypothetical audit query for a specific Transmission Service reservation (line breaks and indentations added to improve readability):

Response:

REQUEST_STATUS=200↵
ERROR_MESSAGE=↵
TIME_STAMP=19980821092048ES↵
VERSION=1.5↵
TEMPLATE=transstatusaudit↵
OUTPUT_FORMAT=DATA↵
PRIMARY_PROVIDER_CODE=WXYZ↵
PRIMARY_PROVIDER_DUNS=78912345↵
RETURN_TZ=ES↵
DATA_ROWS=15↵
COLUMN_HEADERS=RECORD_TYPE, TIME_OF_UPDATE,
MODIFYING_COMPANY_CODE, MODIFYING_NAME,
CONTINUATION_FLAG, ASSIGNMENT_REF, SELLER_CODE,
SELLER_DUNS, CUSTOMER_CODE, CUSTOMER_DUNS,
AFFILIATE_FLAG, PATH_NAME, POINT_OF_RECEIPT,
POINT_OF_DELIVERY, SOURCE, SINK, CAPACITY_REQUESTED,
CAPACITY_GRANTED, SERVICE_INCREMENT, TS_CLASS, TS_TYPE,
TS_PERIOD, TS_WINDOW, TS_SUBCLASS,
NERC_CURTAILMENT_PRIORITY, OTHER_CURTAILMENT_PRIORITY,
START_TIME, STOP_TIME, CEILING_PRICE, OFFER_PRICE, BID_PRICE,
PRICE_UNITS, PRECONFIRMED, ANC_SVC_LINK, ANC _SVC_REQ,
POSTING_REF, SALE_REF, REQUEST_REF, DEAL_REF, IMPACTED,

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COMPETING_REQUEST_FLAG, REQUEST_TYPE, RELATED_REF, NEGOTIATED_PRICE_FLAG, STATUS, STATUS_NOTIFICATION, STATUS_COMMENTS, TIME_QUEUED, RESPONSE_TIME_LIMIT, TIME_OF_LAST_UPDATE, PRIMARY_PROVIDER_COMMENTS, SELLER_REF, SELLER_COMMENTS, CUSTOMER_COMMENTS, SELLER_NAME, SELLER_PHONE, SELLER_FAX, SELLER_EMAIL, CUSTOMER_NAME, CUSTOMER_PHONE, CUSTOMER_FAX, CUSTOMER_EMAIL, REASSIGNED_REF, REASSIGNED_CAPACITY, REASSIGNED_START_TIME, REASSIGNED_STOP_TIME, PRIMARY_PROVIDER_APPROVAL, PRIMARY_PROVIDER_PROVISIONS, ROLLOVER_WAIVED, CG_STATUS, CG_DEADLINE ↵
U, 20070815131629ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,85,85, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, L, CONFIRMED, , , 20070815121510ES, 20070815144100ES, 20070815131629ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-9100, a .trader@defmarketing.com, , , , ,,,~~N~~,, ↵
U,,,, Y,104392,,,,,,,,,,75,75,,,,,,,, 20070818000000ES, 20070819000000ES,,85,85,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,100,100,,,,,,,, 20070819000000ES, 20070820000000ES,,85,85,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U, 20070815125042ES, WXYZ, Jane Doe, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,85,82, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, L, COUNTEROFFER, , , 20070815121510ES, 20070815144100 ES, 20070815125042ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-910 0, a.trader@defmarketing.com, , , , ,,,~~N~~,, ↵
U,,,, Y,104392,,,,,,,,,,75,75,,,,,,,, 20070818000000ES, 20070819000000ES,,85,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,100,100,,,,,,,, 20070819000000ES, 20070820000000ES,,85,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U, 20070815124811ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,90,82, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, , REBID, , , 20070815121510ES, 20070815144100ES, 20070 815124811ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-9100, a.trader @defmarketing.com,,,,,,~~N~~,, ↵
U,,,, Y,104392,,,,,,,,,,75,75,,,,,,,, 20070818000000ES, 20070819000000ES,,90,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,100,100,,,,,,,, 20070819000000ES, 20070820000000ES,,90,82,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵

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U, 20070815124100ES, WXYZ, Jane Doe, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,50, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,90,80, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, , COUNTEROFFER, , , 20070815121510ES, 20070815144100 ES, 20070815124100ES, ,, , , Jane Doe, 123-456-7813, 123-456-7801, doej@wxyz.com, Alan Trader, 312-678-9104, 312-678-910 0, a.trader@defmarketing.com,,,,,, N,, ↵
U,,,, Y,104392,,,,,,,,,,75,75,,,,,,,, 20070818000000ES, 20070819000000ES,,90,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
U,,,, Y,104392,,,,,,,,,,100,100,,,,,,,, 20070819000000ES, 20070820000000ES,,90,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
I, 20070815121510ES, DEFPM, Alan Trader, N,104392, WXYZ,78912345, DEFPM,912876543, N, X/WXYZ/AAA-DDD//, AAA , DDD, AAA, ZZZ,50,, DAILY, NON-FIRM, POINT_TO_POINT, FULL_PERIOD, FIXED, ,3, , 20070817000000ES, 20070818000000ES,102,,80, $/MW-Day, N, , SC:M;RF:M, , , , ,,, ORIGINAL,, , QUEUED, , , 20070815121510ES, , 20070815121510ES, ,, , , Company Default, 123-456-7800, 123-456-7801, , Alan Trader, 312-678-9104, 312-678-9100, a.trader@defmarketing.com,,,,,, N,, ↵
I,,,, Y,104392,,,,,,,,,,75,,,,,,,,, 20070818000000ES, 20070819000000ES,,,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵
I,,,, Y,104392,,,,,,,,,,100,,,,,,,,, 20070819000000ES, 20070820000000ES,,,80,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ↵

First, this example shows the handling of continuation records which conveyed a time varying demand of 50 MW on August 1, 2007, 75 MW on August 18, 2007, and 100 MW on August 19, 2007. This demand profile was initially entered with the original reservation request (***transrequest*** template) at 12:15 on August 15, 2007, by Alan Trader.

As part of the original reservation, Alan Trader attempted to negotiate a price for service of $80./MWday. Jane Doe responded to this request with a counter offer at the non-negotiated rate of $90./mwday at 12:41 on August 15, 2007. The RESPONSE_TIME_LIMIT Data Element has been updated to reflect the time by which the Transmission Customer must confirm service

At 12:48, Alan Trader attempted to negotiate further for a rate of $82.00 /MWday and the reservation status was set to REBID. Jane Doe responded at 12:50 with a second counter offer restating a negotiated rate of $85.00/MWday, which Alan Trader finally agreed to at 13:16 on August 15, 2007. The current posted information on OASIS would show this final confirmed reservation.

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Request for Minor Correction/Clarification of a NAESB Business Practice Standard, Model Business Practice or Electronic Transaction

5. Reason for of Minor Correction/Clarification:

   To correct inadvertent typographical errors found during the application of Final Action 2011 WEQ Annual Plan Items 2.a.iii.1 through 2.a.iii.3 – Service Across Multiple Transmission Systems (SAMTS), ratified August 11, 2011 by the NAESB Office for publication in Version 003 of the NAESB WEQ Business Practice Standards.

North American Energy Standards Board
801 Travis, Suite 1675, Houston, Texas 77002
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Home Page: www.naesb.org

October 18, 2011
Via email and posting

TO:	**NAESB Executive Committee (EC) Members, posting for interested parties**
FROM:	NAESB Office
cc:	EC Alternates, Submitters, Subcommittee Chairs of Subcommittees noted in text below
RE:	NAESB Triage Actions Pending for Requests No. R11016 to R11018

Dear Triage Subcommittee and EC members,

We have three requests to triage –R11016 through R11018 -- provided below as hyperlinks. The NAESB office recommends the following assignments to the quadrants and subcommittees:

For R11016, submitted by Dale Davis and Christopher Burden on behalf of Williams Gas Pipeline on behalf of Transcontinental Gas Pipe Line:

> This request is (1) found within scope; (2) to be assigned to the Wholesale Gas Quadrant (WGQ); and (3) because it is a request resulting from NAESB WGQ Standard No. 4.3.67[1] and requires the creation of a mutually agreed new data set – Swing Service Overtakes, it should be assigned the WGQ Business Practices Subcommittee. While 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 subcommittee. It should be noted that WGP does not consider it in the best use of the industry's resources to develop this data set, as the information provided in it that is not available elsewhere is minimal, and no other pipelines are offering the service so the target audience for use is not as extensive as it would be if the service were widely available through the market.

For R11017, submitted by Paul Love on behalf of Natural 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 modify NAESB WGQ Standard No. 4.3.52[2], to provide clarity on the application of the standard to new data elements/code values as well as changes to existing data elements/code values, it should be assigned the WGQ Business Practices Subcommittee. While 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 subcommittee.

For R11018, submitted by Paul Love on behalf of Natural 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 delete the data order standards -- NAESB WGQ Standard Nos. 1.3.54, 1.3.60,

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1 **NAESB WGQ Standard No 4.3.67:** A Transportation Service Provider which determines to provide new services which do not utilize existing transaction sets via NAESB WGQ EBB/EDM, should, prior to implementation, submit a request for standardization to NAESB WGQ including descriptions of the EBB/EDM, EDI/EDM and, as applicable, FF/EDM implementation.

2 **NAESB WGQ Standard No. 4.3.52:** A Transportation Service Provider (TSP) which determines to provide new features utilizing existing transaction sets via NAESB WGQ EBB/EDM, for each transaction upon inception of support for such service, should:

If NAESB WGQ EDI/EDM or FF/EDM standards exist for the transaction set, provide the service via NAESB WGQ EDI/EDM, of FF/EDM or both, utilizing modifications defied by the TSP to the existing file structures; and,

Submit a request for modification or enhancement of the transaction set to the NAESB WGQ including details of the interim EBB/EDM, EDI/EDM and/or FF/EDM implementation.

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Home Page: www.naesb.org

1.3.61, 1.3.63, 2.3.33, 2.3.34, and 2.3.35, and create a new data grouping standard which may also require the deletion or modification of NAESB WGQ Standard No. 2.3.32, it should be assigned the WGQ Business Practices Subcommittee. While 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 subcommittee.

If you have any questions on a specific request, please contact the requestor directly -- the email address is provided as a link with the request. 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. Comments may certainly be provided and will be posted on the Triage Subcommittee page of the NAESB web site. If no concerns are raised, then on Tuesday, November 1, the dispositions as noted above will be considered approved.

Business Practices Subcommittee Update

October 25, 2011

WEQ BPS Update - Meetings

- Meetings since last update
  - September 13-14, 2011
  - October 11-12, 2011
  - Sub-team (First-to-Curtail Requirements) - 3 meetings
  - Sub-team (Credit for Redispatch) – 6 meetings
  - Sub-team (Review NERC Standards Impact) – 2 meetings
- Scheduled meetings
  - October 31, 2011, conference call (new)
  - November 8-9, 2011 hosted by NERC, in Atlanta, GA
  - December 14-15, 2011, hosted by NAESB, in Houston, TX

Subcommittee Standards Development (Normal Coordination)

- Executive Committee
- Standards Review Subcommittee (glossary terms)
- Stakeholders
- Limited situations
  - Another Subcommittee
  - NERC Standards Drafting Team
    - JESS – INT
    - BPS/OASIS – ATC
    - BPS – TLR

Parallel Flow Visualization (Coordination)

- NAESB/NERC Management
- NAESB
  - Executive Committee
  - Standards Review Subcommittee
  - OASIS Subcommittee
  - JESS Subcommittee
- NERC
  - Operations Reliability Subcommittee
  - Interchange Distribution Calculator Working Group
  - Standards Committee
  - Standard Drafting Teams
    - Interchange Standards Drafting Team
    - TLR Standards Drafting Team
- Stakeholders
  - NAESB
  - NERC

Parallel Flow Visualization – Recent Activity

- Continued Finalizing Parallel Flow Visualization Permanent Solution White Paper
- Reviewed impact of proposed solution on NERC Standards
  - Interchange, Scheduling and Coordination(INT)
  - Interconnection Reliability Operations and Coordination(IRO)
- Addressed 14 "Parking Lot" items (some key issues remain)
- Joint session with the IDCWG to exchange information

Parallel Flow Visualization – Challenges

- Continue to add new "Parking Lot" items
- "What if" scenarios
- Outstanding concerns
  - How can we move forward with a solution without knowing that it will be equitable
  - How do we define what is equitable
  - Who determines what is equitable
- BPS by default is the forum for understanding the big picture
- BPS is responsible for identifying dependencies with NERC standards
- BPS has no control over establishing priority of NERC standards nor can it impact the outcome
- Separating interim solution from permanent solution

Parallel Flow Visualization – Request

- NAESB BPS requests the Executive Committee contact NERC about elevating the priority of Interchange Standard Development to tag intra-BA Point-to-Point so that NERC addresses this item within 2012. (FERC Order 693)
- This would also require a modification to IRO-006-EAST to modify R.3 and R.4 to support curtailment for intra-BA Point-to-Point. The timing for the changes to the INT and IRO standards will need to coincide with Parallel Flow Visualization moving into production.
- The NERC intra-BA tagging requirements should be coordinated with the NAESB Business Practices Subcommittee's work on Parallel Flow Visualization.

Parallel Flow Visualization – Next Steps

- October
  - Finalize Whitepaper / Address Parking Lot Items (may spill over to November meeting)
- November/December
  - Develop standards from Parallel Flow Visualization Permanent Solution White Paper
  - Vote to post standards/recommendation for 30-day formal comment period
  - Probability that vote on recommendation may slide into January
- January/February
  - Develop Late Comments for standards/recommendation
- February/March
  - Develop evaluation criteria for permanent solution

Questions/Feedback

APPENDIX

Order 693 Paragraph 821

Accordingly, the Commission approves Reliability Standard INT-001-2 as mandatory and enforceable. In addition, the Commission directs the ERO to develop a modification to INT-001-2 through its Reliability Standards development process that includes a Requirement that interchange information must be submitted for all point-to-point transfers entirely within a balancing authority area, including all grandfathered and "non-Order No. 888" transfers.

Parallel Flow Visualization – IRO-006-EAST

R3. Upon the identification of the TLR level and a list of congestion management actions to be implemented, the Reliability Coordinator initiating this TLR procedure shall: [Violation Risk Factor: Medium] [Time Horizon: Real-time Operations]

3.1. Notify all Reliability Coordinators in the Eastern Interconnection of the identified TLR level

3.2. Communicate the list of congestion management actions to be implemented to 1.) all Reliability Coordinators in the Eastern Interconnection, and 2.) those Reliability Coordinators in other Interconnections responsible for curtailing Interchange Transactions crossing Interconnection boundaries identified in the list of congestion management actions.

3.3. Request that the congestion management actions identified in Requirement R2, Part 2.1 be implemented by:

1.) Each Reliability Coordinator associated with a Sink Balancing Authority for which Interchange Transactions are to be curtailed,

2.) Each Reliability Coordinator associated with a Balancing Authority in the Eastern Interconnection for which Network Integration Transmission Service or Native Load is to be curtailed, and

3.) Each Reliability Coordinator associated with a Balancing Authority in the Eastern Interconnection for which its Market Flow is to be curtailed.

Parallel Flow Visualization – IRO-006-EAST

R4. Each Reliability Coordinator that receives a request as described in Requirement R3, Part 3.3. shall, within 15 minutes of receiving the request, implement the congestion management actions requested by the issuing Reliability Coordinator as follows: [Violation Risk Factor: High] [Time Horizon: Real-time Operations]

- Instruct its Balancing Authorities to implement the Interchange Transaction schedule change requests.
- Instruct its Balancing Authorities to implement the Network Integration Transmission Service and Native Load schedule changes for which the Balancing Authorities are responsible.
- Instruct its Balancing Authorities to implement the Market Flow schedule changes for which the Balancing Authorities are responsible.
- If an assessment determines shows that one or more of the congestion management actions communicated in Requirement R3, Part 3.3 will result in a reliability concern or will be ineffective, the Reliability Coordinator may replace those specific actions with alternate congestion management actions, provided that:
  - The alternate congestion management actions have been agreed to by the initiating Reliability Coordinator, and
  - The assessment shows that the alternate congestion management actions will not adversely affect reliability.

Standards Review Subcommittee Update

October 25, 2011

Meetings

- Recent Meetings:
  - August 23, 2011
  - September 15, 2011
  - October 18, 2011
- Upcoming Meetings
  - November 15, 2011
  - December 13, 2011

Recent Activities

- Reviewed and submitted comments on recommendations
  - 2011 WEQ Annual Plan Item 2(a)(iv)(1) - Paragraph 1390 of FERC Order No. 890
  - 2011 WEQ Annual Plan Item 7(a) - Review Standards 001-14.1.3 and 001-15.2 based on FERC Order No. 676-E
  - 2011 WEQ Annual Plan Item 5(a) / R08001 / R08002 / R08003 / R08005 Consistency Changes
- Continued glossary coordination with Retail Quadrants
- Review NERC 2012-2014 Reliability Standards Development Plan Draft
  - Provided comments to NERC
  - Provided input to the draft WEQ 2012 Annual Plan

Recent Activities

- Ongoing Activities
  - Review WEQ Recommendations posted for Formal Comments
  - Glossary Coordination with Retail Glossary Subcommittee
  - Ongoing cross quadrant review of:
    - Standards Requests
    - Minor Corrections
    - Clarifications /Interpretations

Questions/Feedback

- Request others also to look at the NERC activities to assess whether they think NAESB should be developing complementary standards
- Seek continued participation in monthly conference call meetings.

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NAESB UPDATE: VERSION 2.1 – WHOLESALE GAS QUADRANT (WGQ)
SEPTEMBER 27, 2011

ACTIONS TO BE APPLIED TO WGQ VERSION 2.0 TO CREATE WGQ VERSION 2.1:

Version 2.0 was published on November 30, 2010.

2011-12:

Final Actions:

R11004 (MC11001-04) - For NAESB WGQ Version 2.1, add the code values 'Non-Renewal Charge' and 'AOS' for the data element "Rate Identification Code" in data sets: Transactional Reporting – Capacity Release (NAESB WGQ Standard No. 5.4.20), Transactional Reporting – Firm Transportation (NAESB WGQ Standard No. 5.4.21), Offer (NAESB WGQ Standard No. 5.4.24), Bid (NAESB WGQ Standard No. 5.4.25) and Award Download (NAESB WGQ Standard No. 5.4.26) approved by the WGQ Executive Committee on August 18, 2011.
Final Action: http://www.naesb.org/member_login_form.asp?doc=fa_wgq_r11004_mc11001-04.doc – *Ratified September 19, 2011*

R10005- Modify 5.3.26 to eliminate possible disputes over consequences associated with Bid Basis' not selected by Releasing Shipper approved by the WGQ Executive Committee on August 18, 2011.
Final Action: http://www.naesb.org/member_login_form.asp?doc=fa_wgq_r10005.doc – *Ratified September 19, 2011*

R09008 - Add two business conditional data elements to the Offer Upload, NAESB WGQ Standard 5.4.7 for (1) Responsibility for Out of Path Overrun and (2) Out of Path Location Changes. These data elements should be conditional in standards 5.4.1 and 5.4.3 approved by the WGQ Executive Committee on August 18, 2011.
Final Action: http://www.naesb.org/member_login_form.asp?doc=fa_wgq_r09008.doc – *Ratified September 19, 2011*

R09009 - Add four business conditional data elements to the imbalance trading NAESB WGQ data sets 2.4.11—2.4.16 approved by the WGQ Executive Committee on August 18, 2011.
Final Action: http://www.naesb.org/member_login_form.asp?doc=fa_wgq_r09009.doc – *Ratified September 19, 2011*

2011 WGQ Annual Plan Item 6 – **Decline** to implement any revisions or modification to 2006 NAESB Base Contract after industry input and discussion under Annual Plan Item 6. "Review typical industry Special Provisions to the NAESB Base Contract for consideration to be integrated into the NAESB Base Contract. Review is to include corresponding updates to other related documents (e.g. Canadian Addendum, ISDA Amendment and Model Credit Support Addendum and Frequently Asked Questions)" approved by the WGQ Executive Committee on August 18, 2011.
Final Action (no action to be taken): http://www.naesb.org/pdf4/wgq_2011_ap_6_ec081811_fa.doc - ***(No further action needed)***

C10001 - Clarification of the word Tariff under Informational Posting. NAESB WGQ Standard No. 4.3.23 does not specify if the category Tariff under Informational Posting includes negotiated rates, non-conforming agreements, Volume 2s, and X-rate schedules within the definition approved by the WGQ EC via Notational Ballot on May 19, 2011.
Final Action: http://www.naesb.org/member_login_form.asp?doc=fa_wgq_c10001.doc - *(Ratified August 1, 2011)*

R10009 - Add sender's option data element "Open Season ID" to Transactional Reporting – Firm Transportation – NAESB WGQ Standard No. 5.4.21 approved by the WGQ Executive Committee May 19, 2011.

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NAESB UPDATE: VERSION 2.1 – WHOLESALE GAS QUADRANT (WGQ)
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Final Action: http://www.naesb.org/member_login_form.asp?doc=fa_wgq_r10009.doc - *Ratified July 1, 2011*

R10003 – This request proposes the addition of two new data elements "Discount Begin Date" and "Discount End Date" in the following Transaction Datasets: Transactional Reporting – Capacity Release, NAESB WGQ Standard No. 5.4.20 and Transactional Reporting – Firm Transportation, NAESB WGQ Standard No. 5.4.21. – approved by the WGQ EC via Notational Ballot on December 20, 2010.
Final Action: http://www.naesb.org/member_login_form.asp?doc=fa_wgq_r10003.doc – *Ratified April 18, 2011*

R09016 – Add Rate Schedule data element to the Bid Upload and Bid Download datasets and change conditionality of Location data for Offer Upload/Download datasets or add code values to allow a dummy agenda – approved by the WGQ EC via Notational Ballot on December 20, 2010.
Final Action: http://www.naesb.org/member_login_form.asp?doc=fa_wgq_r09016.doc – *Ratified April 18, 2011*

R09018 - Add MA data element Path Rank in the Nominations data set and corresponding error message in the Nom QR as approved by the WGQ Executive Committee on February 3, 2011.
Final Action: http://www.naesb.org/member_login_check.asp?doc=fa_wgq_r09018.doc - *Ratified March 17, 2011*

R10007 - Change the Offer, Bid and Award downloads to have the ability to communicate multiple indexed rates for a given offer approved by the WGQ EC on February 3, 2011.
Final Action: (no changes necessary) http://www.naesb.org/pdf4/wgq_r10007_rec_123010.doc - ***(No further action needed)***

Recommendations:

C11002: Clarification or interpretation request: Clarify the effects of Bidder Lesser Quantity Indicator on the disclosure of minimum condition elements for EBB / EDI Download portion of NAESB Standard Number 5.4.25. Does the Offer's Disclose Indicator or Releasing Shipper Lesser Quantity Indicator have any effect on the disclosure of the minimum condition elements for Bids.
Recommendation: http://www.naesb.org/pdf4/c11002_rec.docx
Request for Comments: http://www.naesb.org/pdf4/wgq_072611_reqcom.doc - *Due August 26, 2011*
(*NOTE: The portion of clarification request C11002 determined to be a request for minor correction and transferred to the Information Requirements Subcommittee has been assigned minor correction number MC11022: http://www.naesb.org/pdf4/wgq_mc11022.doc.*)

C11003: Clarification or interpretation request: Clarify the effects of Disclosure Indicator, Minimum Rate Disclosure Indicator, Releasing Shipper Lesser Quantity Indicator, and Shorter Term Indicator on the disclosure of minimum condition elements for EBB / EDI Download portion of NAESB Standard Number 5.4.24.
Recommendation: http://www.naesb.org/pdf4/c11003_rec.docx
Request for Comments: http://www.naesb.org/pdf4/wgq_072611_reqcom.doc - *Due August 26, 2011*
(*NOTE: The portion of clarification request C11003 determined to be a request for minor correction and transferred to the Information Requirements Subcommittee has been assigned minor correction number MC11022: http://www.naesb.org/pdf4/wgq_mc11022.doc.*)

2011 WGQ Annual Plan Item 7 - Determine if location common codes as formulated are needed. If location common codes are needed, then determine if existing specifications are sufficient, or conversely, if not needed, develop plan for modifications to support removal of location common code from NAESB WGQ standards.
Recommendation: http://www.naesb.org/pdf4/wgq_2011_api_7_rec.doc
Request for Formal Comments: http://www.naesb.org/pdf4/wgq_091411reqcom.doc - *Due October 14, 2011*

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NAESB UPDATE: VERSION 2.1 – WHOLESALE GAS QUADRANT (WGQ)
SEPTEMBER 27, 2011

R97064-H: Correct the NAESB implementation guides to use approved ASC X12 code values through requests to X12 to adopt the NAESB codes, or through changes to the code values to use the X12 specified codes.
Recommendation - H: http://www.naesb.org/pdf4/wgq_r97064-H_rec.doc
Attachment 1: http://www.naesb.org/pdf4/wgq_r97064-H_rec_att1.doc
Attachment 2: http://www.naesb.org/pdf4/wgq_r97064-H_rec_att2.doc
Attachment 3: http://www.naesb.org/pdf4/wgq_r97064-H_rec_att3.doc
Attachment 4: http://www.naesb.org/pdf4/wgq_r97064-H_rec_att4.doc
Attachment 5: http://www.naesb.org/pdf4/wgq_r97064-H_rec_att5.doc
Request for Formal Comments: - *Due October 26, 2011*

Minor Corrections:

MC10038 - For NAESB WGQ Version 2.1, additional code values for the data elements Transaction Type and Reduction Reason Code in the following data sets as appropriate: Nomination (1.4.1), Confirmation Response (1.4.4), Scheduled Quantity (1.4.5), Scheduled Quantity for Operators (1.4.6), and Confirmation Response data sets as needed to support these requirements. – approved by the WGQ EC via Notational Ballot on January 18, 2011.
Recommendation: http://www.naesb.org/pdf4/wgq_mc10038_rec_011811.doc *(Effective date April 25, 2011)*

MC10040 - For NAESB WGQ Version 2.1, NAESB WGQ Standard No. 0.4.2 – Operational Capacity, NAESB WGQ Standard No. 1.4.1 – Nomination, NAESB WGQ Standard No. 1.4.3 – Request for Confirmation, NAESB WGQ Standard No. 1.4.4 – Confirmation Response, NAESB WGQ Standard No. 1.4.5 – Scheduled Quantity, NAESB WGQ Standard No. 1.4.6 – Scheduled Quantity for Operator, NAESB WGQ Standard No. 5.4.20 – Transactional Reporting – Capacity Release, NAESB WGQ Standard No. 5.4.21 – Transactional Reporting – Firm Transportation, NAESB WGQ Standard No. 5.4.24 – Offer, NAESB WGQ Standard No. 5.4.25 – Bid, and NAESB WGQ Standard No. 5.4.26 – Award Download. – approved by the WGQ EC via Notational Ballot on January 18, 2011.
Recommendation: http://www.naesb.org/pdf4/wgq_mc10040_rec_011811.doc *(Effective date April 25, 2011)*

MC11005 – For NAESB WGQ Version 2.1, This request proposes the addition of 4 code values for the data element "Rate Identification Code" in the following datasets for the NAESB WGQ Version 2.0 release: NAESB WGQ Standard 5.4.20 – Transactional Reporting – Capacity Release and NAESB WGQ Standard 5.4.21 – Transactional Reporting – Firm Transportation. – approved by the WGQ EC via Notational Ballot on April 8, 2011.
Recommendation: http://www.naesb.org/pdf4/wgq_mc11005_rec_040811.doc *(Effective date May 13, 2011)*

MC10004/MC10013 – For NAESB WGQ Version 2.1, Add additional Charge Type and Service Requestor Level Charge/Allowance Amount Descriptor code values to NAESB WGQ Standard No. 3.4.1 as approved by the WGQ Executive Committee via Notational Ballot on April 29, 2011.
Recommendation: http://www.naesb.org/pdf4/wgq_mc10004_mc10013_rec_042911.doc *(Effective date June 16, 2011)*

MC11013 – For NAESB WGQ Versions 1.9 and 2.0, Minor Correction of usage for data element Special Terms and Miscellaneous Notes in the NAESB WGQ Standard No. 5.4.25 – Bid approved by the WGQ EC on May 5, 2011.
Recommendation: http://www.naesb.org/pdf4/wgq_mc11013_mc11014_rec_050511.doc *(Effective date June 3, 2011)*

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NAESB UPDATE: VERSION 2.1 – WHOLESALE GAS QUADRANT (WGQ)
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MC11014 – Errata for miscellaneous corrections to NAESB WGQ Standards Versions 1.9 and 2.0 approved by the WGQ EC on May 5, 2011.
Recommendation: http://www.naesb.org/pdf4/wgq_mc11013_mc11014_rec_050511.doc *(Effective date June 3, 2011)*

MC11016 – For NAESB WGQ Version 2.0 and WEQ Version 002.1, Joint WEQ/WGQ Minor Correction to the NAESB WEQ/WGQ Implementation Guide for Electronic Tariff Filing to correspond to modifications made by FERC to its Implementation Guide for Electronic Filing of Parts 25, 154, 284, 300, and 241 Tariff Filings as noted in the FERC eTariff RSS Feed(s), dated April 18, 2011 approved by the WGQ EC on May 5, 2011 and WEQ EC via Notational Ballot on May 20, 2011.
Recommendation: http://www.naesb.org/pdf4/weq_wgq_mc11016.doc *(Effective date June 3, 2011)*

MC11017 – For NAESB WGQ Version 2.0, minor correction to correct the code values for the data element in 'Allowable Re-Release Indicator' in data set, Offer (NAESB WGQ Standard No. 5.4.24) approved by the WGQ Executive Committee on August 18, 2011.
Recommendation: http://www.naesb.org/pdf4/wgq_mc11017_rec_081811.doc *(Effective date September 19, 2011)*

MC11018 – For NAESB WGQ Version 2.1, minor correction to add one code value for the data element Reduction Reason the data sets, Confirmation Response (NAESB WGQ Standard No. 1.4.4), Scheduled Quantity (NAESB WGQ Standard No. 1.4.5) and Scheduled Quantity for Operator (NAESB WGQ Standard No. 1.4.6) approved by the WGQ Executive Committee on August 18, 2011.
Recommendation: http://www.naesb.org/pdf4/wgq_mc11018_rec_081811.doc *(Effective date September 19, 2011)*

MC11001-11004 (R11004) – For NAESB WGQ Version 2.1, add the code values 'Non-Renewal Charge' and 'AOS' for the data element "Rate Identification Code" in data sets: Transactional Reporting – Capacity Release (NAESB WGQ Standard No. 5.4.20), Transactional Reporting – Firm Transportation (NAESB WGQ Standard No. 5.4.21), Offer (NAESB WGQ Standard No. 5.4.24), Bid (NAESB WGQ Standard No. 5.4.25) and Award Download (NAESB WGQ Standard No. 5.4.26) approved by the WGQ Executive Committee on August 18, 2011.
Recommendation: http://www.naesb.org/member_login_form.asp?doc=wgq_rat081911_r11004_mc11001-04_rec.doc – *(Ratification forR11004 portion ended September 19, 2011(Effective date))*

MC11019 – For WGQ Version 2.1, Add the code values 'Swing Service Overtake' and 'Unauthorized Take' for the data element "Transaction Type" in the following data sets: NAESB WGQ Standard No. 2.4.3 – Allocation, NAESB WGQ Standard No. 2.4.4 – Shipper Imbalance and NAESB WGQ Standard No. 3.4.1 – Transportation/Sales Invoice.
Recommendation: http://www.naesb.org/pdf4/wgq_mc11019_rec_092611.doc - *for consideration by the WGQ EC on October 27, 2011*

MC11020 – For NAESB WGQ Version 2.0, Minor correction of inadvertent typographical error in published NAESB Standard 6.3.1 - NAESB Base Contract for Sale and Purchase of Natural Gas dated September 5, 2006 approved by the WGQ Executive Committee on August 18, 2011.
Recommendation: http://www.naesb.org/pdf4/wgq_mc11020_rec_081811.doc *(Effective date September 19, 2011)*

MC11021 – For NAESB WGQ Version 2.1, add the code value "Reservation/Enhanced Nomination Service" for data element "Transaction Type" in data set, Transportation/Sales Invoice (NAESB WGQ Standard No. 3.4.1).
Recommendation: http://www.naesb.org/pdf4/wgq_mc11021_rec_092611.doc - *for consideration by the WGQ EC on October 27, 2011*

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NAESB UPDATE: VERSION 2.1 – WHOLESALE GAS QUADRANT (WGQ)
SEPTEMBER 27, 2011

MC11022 – For NAESB WGQ Version 2.0, minor correction to the conditions associated with the download of the Bid (NAESB WGQ Standard No. 5.4.25) for the following data elements: Bid Minimum Quantity - Contract and Bid Minimum Quantity – Location. Such review should consider the Bidder's selection in the Bidder Lesser Quantity Indicator data element. Minor correction to the conditions associated with the download of the Offer (NAESB WGQ Standard No. 5.4.24) for the following data elements: Minimum Offer Quantity – Contract, Minimum Offer Quantity – Location, Minimum Term, Minimum Acceptable Percentage of Maximum Tariff Rate, and Minimum Acceptable Rate. Such review should consider the Releaser's selection in the Disclose Indicator, Releasing Shipper Lesser Quantity Indicator, Shorter Term Indicator, and Minimum Rate Disclosure Indicator approved by the WGQ Executive Committee on August 18, 2011.
Recommendation: http://www.naesb.org/pdf4/wgq_mc11022_rec_081811.doc *(Effective date September 19, 2011)*

MC11023 – Errata for NAESB WGQ Version 2.0 - Correct the Data Element Cross Reference to ASCX12 for the N1 sub-detail usages for the data elements Upstream Identifier Code/Upstream Identifier Proprietary Code and Downstream Identifier Code/Downstream Identifier Proprietary Code in the column 'Usage with Nominator's Tracking ID P N T U' from 'nu nu nu nu' to 'M C nu C' approved by the WGQ Executive Committee on August 18, 2011.
Recommendation: http://www.naesb.org/pdf4/wgq_mc11023_rec_081811.doc *(Effective date September 19, 2011)*

MC11024 – For NAESB WGQ Version 2.0, minor correction to add the code value "Kansas Ad Valorum Tax Refund" for data element "Charge Type" in data set, Transportation/Sales Invoice (NAESB WGQ Standard No. 3.4.1) - NO ACTION TO BE TAKEN approved by the WGQ Executive Committee on August 18, 2011.
Minor Correction Request: http://www.naesb.org/pdf4/wgq_mc11024_rec_081811.doc - NO ACTION TO BE TAKEN

MC11006 – For NAESB WGQ Version 2.1, minor correction to add a new Nomination Quick Response Validation Codes - To the Nomination Quick Response document (1.4.2), add new Nominations Quick Response Validation Codes (Sub-detail).
Minor Correction Request: http://www.naesb.org/pdf4/wgq_mc11006.doc

MC11007 – For NAESB WGQ Version 2.1, minor correction to NAESB WGQ Standard No. 5.4.21: Transactional Reporting - Firm, add a code value to the Sender's Option data element "Capacity Type Indicator" for capacity that is "Primary thru Storage."
Minor Correction Request: http://www.naesb.org/pdf4/wgq_mc11007.doc

MC11025 – For NAESB Version 2.1, minor correction to NAESB WGQ Standard No. 5.4.22: Transactional Reporting – Interruptible, add a code value to the data element "Rate Identification Code" for authorized overrun approved by the WGQ Executive Committee on August 18, 2011.
Recommendation: http://www.naesb.org/pdf4/wgq_mc11025_rec_081811.doc *(Effective date September 19, 2011)*

MC11026 – For NAESB Version 2.1, minor correction to NAESB WGQ Standard Nos. 1.4.5 (Scheduled Quantity) and 1.4.6 Scheduled Quantity for Operator - request is for new Scheduled Quantity and Scheduled Quantity for Operator Reduction Reason codes.
Recommendation: http://www.naesb.org/pdf4/wgq_mc11026_rec_092611.doc - *for consideration by the WGQ EC on October 27, 2011*

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NAESB UPDATE: VERSION 2.1 – WHOLESALE GAS QUADRANT (WGQ)
SEPTEMBER 27, 2011

MC11027 – For NAESB Version 2.0, errata to NAESB WGQ Standard No. 4.3.29 - Notice Type is spelled "Operational flow order" as is the Code Value Description in Standard 5.4.16. Both the "f" and the "o" should be capitalized. The changes also need to be made in the QEDM manual, Booklet 1 of 1.
Recommendation: http://www.naesb.org/pdf4/wgq_mc11027_rec_092611.doc - *for consideration by the WGQ EC on October 27, 2011*

TIMELINE:

- Version 2.1 is scheduled for publication in July 2012.
- To back into this date – all standards should be ratified by date of publication, and EC actions should be taken one month prior, to publication, all subcommittee actions should be taken three months prior to publication.

Month - 4	Subcommittee Recommendations Completed and sent out for comment
Month - 3	EC Actions taken
Month - 2	Ratifications sent out and completes, minor corrections applied
Month - 1	Review of draft publication
Month - 0	Date of Publication.

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NAESB UPDATE: VERSION 003.0 – WHOLESALE ELECTRIC QUADRANT (WEQ)
OCTOBER 17, 2011

ACTIONS TO BE APPLIED TO WEQ VERSION 002.1 TO CREATE WEQ VERSION 003.0:

Version 002.1 was published on March 11, 2009.

2009-10:

Final Actions:

2008 WEQ Annual Plan Item 5(a) – Review and develop business practice standards to support DR and DSM-EE programs – Ratified March 16, 2009 - http://naesb.org/member_login_check.asp?doc=fa_weq_2008_api5a.doc *(New WEQ-015)*

2009 WEQ Annual Plan Item 3(d) – Order 717, Standards of Conduct – Ratified June 15, 2009 - http://naesb.org/member_login_check.asp?doc=fa_weq_2009_api_3d.doc *(WEQ-001. WEQ-002, WEQ-003)*

2009 WEQ Annual Plan Item 2(a)(ii)(3) – Rollover Rights on Redirect on a Firm Basis – Ratified July 27, 2009 - http://naesb.org/member_login_check.asp?doc=fa_weq_2009_ap_2aii3.doc (*WEQ-001, WEQ-002, WEQ-003, WEQ-013)*

2009 WEQ Annual Plan Item 1(a), 3(a)(vii)/R05020 – Modifications to WEQ-004 Coordinate Interchange as approved by the WEQ EC on October 27, 2009 – Ratified December 14, 2009 - http://naesb.org/member_login_form.asp?doc=fa_weq_2009_api_1a_3avii_r05020.doc *(WEQ-001, WEQ-002, WEQ-003, WEQ-004, WEQ-013)*

Attachment: http://naesb.org/member_login_form.asp?doc=fa_weq_2009_api_1a_3avii_r05020_attach.doc

2009 WEQ Annual Plan Item 5(b) – Modify NAESB definition to address internal inconsistencies and inconsistencies with the NERC glossary – approved by the WEQ EC on February 2, 2010 – Ratified March 24, 2010 - http://naesb.org/member_login_check.asp?doc=fa_weq_2009_api5b.doc

2009 WEQ Annual Plan Items 5(a)(2), 5(i)/R08004/R09011 – Multiple Annual Plan Items affecting WEQ-011 Gas/Electric Coordination – Approved by the WEQ EC on June 11, 2010 via Notational Ballot. – Ratified July 15, 2010 - http://www.naesb.org/member_login_form.asp?doc=fa_weq_2009_api_5a2_5i_r08004_r09011.doc
Attachments:
http://www.naesb.org/member_login_form.asp?doc=fa_weq_2009_api_5a2_5i_r08004_r09011_attach1.doc

2009 WEQ Annual Plan Items 3(a)(ii)(1)/R07013 - Develop a Confidentiality Agreement - http://www.naesb.org/pdf4/weq_2009_api_3aii1_r07013_rec.doc - Approved by the WEQ EC on May 4, 2010 ***(No further action needed)***

2010 WEQ Annual Plan Item No. 6.a - Requirements Specifications for Common Electricity Product and Pricing Definition – for NIST PAP03 as revised by the WEQ EC on July 7, 2010 – Ratified August 21, 2010 - http://www.naesb.org/member_login_form.asp?doc=fa_weq_2010_api_6a.doc

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NAESB UPDATE: VERSION 003.0 – WHOLESALE ELECTRIC QUADRANT (WEQ)
OCTOBER 17, 2011

2010 WEQ Annual Plan Item No. 6.b - Requirements Specifications for Common Scheduling Mechanism for Energy Transactions – for NIST PAP04 as revised by the WEQ EC on July 7, 2010 – Ratified August 21, 2010 - http://www.naesb.org/member_login_form.asp?doc=fa_weq_2010_api_6b.doc

2010 WEQ Annual Plan Item No. 6.c - Requirements Specifications for Wholesale Standard DR Signals - for NIST PAP09 as revised by the WEQ EC on July 7, 2010 – Ratified August 21, 2010 - http://www.naesb.org/member_login_form.asp?doc=fa_weq_2010_api_6c.doc

2010 WEQ Annual Plan Item 6d – Business Practices and Information Models to Support Priority Action Plan 10 – Standardized Energy Usage Information as approved by the WEQ EC on October 29, 2010 – Ratified November 29, 2010 - http://www.naesb.org/member_login_form.asp?doc=fa_weq_2010_ap_6d.doc

2010 WEQ Annual Plan Item 1.a.i – Interim Solution for Parallel Flow Visualization as revised by the WEQ EC on October 26, 2010 and approved via notational ballot on November 3, 2010 – Ratified December 6, 2010 - http://www.naesb.org/member_login_form.asp?doc=fa_weq_2010_api_1ai.doc

2010 WEQ Annual Plan Item 6 (a-c) – Master Data Requirements List for Standards associated with NIST PAP03 and PAP09 as reviewed, revised and subsequently approved via notational ballot on February 18, 2011 by the WEQ EC – Ratified March 21, 2011: http://www.naesb.org/member_login_form.asp?doc=fa_2010_weq_api_6_a-c.doc

2010 WEQ Annual Plan Item 6a(ii) – Phase 2: Requirements Specifications for Common Electricity Product and Pricing Definition for NIST PAP03 as reviewed, revised and subsequently approved via notational ballot on February 18, 2011 by the WEQ EC – Ratified March 21, 2011: http://www.naesb.org/member_login_form.asp?doc=fa_2010_weq_api_6_a_ii.doc

2010 WEQ Annual Plan Item 6b – Phase 2: Requirements Specifications for Common Scheduling Mechanism for Energy Transactions for NIST PAP04 as reviewed, revised and subsequently approved via notational ballot on February 18, 2011 by the WEQ EC – Ratified March 21, 2011: http://www.naesb.org/member_login_form.asp?doc=fa_2010_weq_api_6_b_ii.doc

2010 WEQ Annual Plan Item 6c – Phase 2: Requirements Specifications for Wholesale Standard DR Signals for NIST PAP09 as reviewed, revised and subsequently approved via notational ballot on February 18, 2011 by the WEQ EC – Ratified March 21, 2011: http://www.naesb.org/member_login_form.asp?doc=fa_2010_weq_api_6_c_ii.doc

2010 WEQ Annual Plan Items 4a and 4b - Review and develop business practice standards to support DR and DSM-EE programs (DR Phase 2) as reviewed, revised and subsequently approved via notational ballot on February 18, 2011 by the WEQ EC – Ratified March 21, 2011: http://www.naesb.org/member_login_form.asp?doc=fa_2010_weq_api_4a_4b.doc

2010 WEQ Annual Plan Item 4d - Business Practice Standards for Measurement Verification of Energy Efficiency Products as approved by the WEQ EC via notational ballot on April 8, 2011 – Ratified May 13, 2011: http://www.naesb.org/member_login_form.asp?doc=fa_2010_weq_api_4d.doc

2011 WEQ Annual Plan Items 2.a.iii.1 through 2.1.iii.3 - Service Across Multiple Transmission Systems (SAMTS) as reviewed and subsequently approved by the WEQ Executive Committee via notational ballot on July 8, 2011 – Ratified August 11, 2011: http://www.naesb.org/member_login_check.asp?doc=fa_weq_2011_ap_2aiii1_to_2aiii3.doc

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NAESB UPDATE: VERSION 003.0 – WHOLESALE ELECTRIC QUADRANT (WEQ)
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Recommendations:

2009 WEQ Annual Plan Item 2(a)(i)(1-8) – Develop 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. Development is using joint standards development process with NERC. Request R050004 was expanded to include the Order No. 890 (Docket Nos. RM05-25-000 and RM05-17-000) and Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002), "Preventing Undue Discrimination and Preference in Transmission Services," issued April 11, 2007). Group 3: Network Service on OASIS – Recommendation currently under development by the WEQ OASIS Subcommittee http://naesb.org/weq/weq_oasis.asp

2009 Annual Plan Item 2.a.i.1 through 2.a.i.8 and 3.a.i - Network Service on OASIS – Recommendation currently under development by the WEQ OASIS Subcommittee.
Draft Recommendation: http://www.naesb.org/pdf4/weq_oasis062110reqcom_a1.doc
Request for Informal Comments - http://www.naesb.org/pdf4/weq_oasis062110reqcom.doc - *comment period ended July 12, 2010*

2010 WEQ Annual Plan Item 1.d – Monitor and develop NAESB business practices as needed to complement NERC reliability standards for FAC-012 and FAC-013
Recommendation: http://www.naesb.org/pdf4/weq_2010_api_1d_rec.doc
Request for Formal Comments - http://www.naesb.org/pdf4/weq_092410_reqcom.doc - *comment period ended October 25, 2010*

2011 WEQ Annual Plan Item 2.a.iv.1 - Paragraph 1390 of Order 890 - Terminations related to: deficient requests, customer failure to pay required annual reservation fee, and customer modifications to applications which are meaningfully different. (*WEQ OASIS Subcommittee recommendation – No action to be taken*)
Recommendation: http://www.naesb.org/pdf4/weq_2011_api_2_a_iv_1_rec.doc
Request for Formal Comments - http://www.naesb.org/pdf4/weq_080911_reqcom.doc - *comment period ended September 8, 2011*

2011 WEQ Annual Plan Item 7.a - Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E.
Recommendation: http://www.naesb.org/pdf4/weq_2011_api_7a_rec.doc
Request for Formal Comments - http://www.naesb.org/pdf4/weq_080911_reqcom.doc - *comment period ended September 8, 2011*

2011 WEQ Annual Plan Item 5.a / R08001 / R08002 / R08003 / R08005 - Make consistency changes to Version 2.2.
Recommendation: http://www.naesb.org/pdf4/weq_2011_api_5a_r08001_r08002_r08003_r08005_rec.doc
Request for Formal Comments - http://www.naesb.org/pdf4/weq_080911_reqcom.doc - *comment period ends September 8, 2011*

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NAESB UPDATE: VERSION 003.0 – WHOLESALE ELECTRIC QUADRANT (WEQ)
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Minor Corrections:

Minor Correction MC11029, Submitted by JT Wood, Southern Company Services Inc. – Minor Correction to correct inadvertent typographical errors found during the application of Final Action 2011 WEQ Annual Plan Items 2.a.iii.1 through 2.a.iii.3 – Service Across Multiple Transmission Systems (SAMTS), ratified August 11, 2011 by the NAESB Office for publication in Version 003 of the NAESB WEQ Business Practice Standards: http://www.naesb.org/pdf4/weq_mc11029.doc - *for WEQ EC consideration October 25, 2011*

Minor Correction MC11016, Submitted by D. Rager, NAESB – For NAESB WGQ Version 2.0 and WEQ Version 002.1, Joint WEQ/WGQ Minor Correction to the NAESB WEQ/WGQ Implementation Guide for Electronic Tariff Filing to correspond to modifications made by FERC to its Implementation Guide for Electronic Filing of Parts 25, 154, 284, 300, and 241 Tariff Filings as noted in the FERC eTariff RSS Feed(s), dated April 18, 2011 approved by the WGQ EC on May 5, 2011 and WEQ EC via Notational Ballot on May 20, 2011: http://www.naesb.org/pdf4/weq_wgq_mc11016_052011.doc - *(Effective date June 23, 2011)*

Minor Correction MC11015, Submitted by Bob Harshbarger, Puget Sound Energy – For NAESB WEQ Version 002.1, Minor Correction to NAESB WEQ Electronic Tagging – Functional Specifications, Version 1.8.1 - Correct links to e-Tag 1.8.1 XML Schema and WECC web site in NAESB WEQ Electronic Tagging – Functional Specifications, Version 1.8.1 approved by the WEQ EC via Notational Ballot on May 20, 2011: http://www.naesb.org/pdf4/weq_mc11015_052011.doc - *(Effective date June 23, 2011)*

Minor Correction MC11009, Submitted by Ed Skiba, Midwest ISO – For NAESB WEQ Version 002.2, Minor Correction to Diagram for Meter Before/Meter After Definition (WEQ-000) approved by the WEQ EC via Notational Ballot on April 8, 2011: http://www.naesb.org/pdf4/weq_mc11009_rec_040811.doc *(Effective date May 13, 2011)*

Minor Correction MC11011, Submitted by Kathy York, Jim Castle and Ed Skiba – For NAESB WEQ Version 002.1, Minor Correction to Manual Time Error Correction (WEQ-006) - to suspend the NAESB Business Practice Standards for WEQ 006-1 through WEQ 006-12 based on the motion approved by the NERC Operating Committee at their March 9, 2011 meeting approved by the WEQ EC via Notational Ballot on April 8, 2011: http://www.naesb.org/pdf4/weq_mc11011_rec_040811.doc *(Effective date May 13, 2011)*

Minor Correction MC10041, Submitted by D. Rager, NAESB - For NAESB WGQ Version 2.0 and WEQ Version 002.1, Joint WEQ/WGQ Minor Correction to the NAESB WEQ/WGQ Implementation Guide for Electronic Tariff Filing to correspond to modifications made by FERC to its Implementation Guide for Electronic Filing of Parts 25, 154, 284, 300, and 241 Tariff Filings as noted in the FERC eTariff RSS Feed(s), dated October 8, 2010 approved by the WEQ and WGQ ECs via Notational Ballot on December 20, 2010: http://www.naesb.org/pdf4/weq_wgq_mc10041_122010.doc *(Effective date February 3, 2011)*

Minor Correction MC10033, Submitted by Y. Coleman, Bonneville Power Administration – For NAESB WEQ Version 002.1, WEQ-003 Data Dictionary and WEQ-013 Implementation Guide approved by the WEQ EC on October 26, 2010: http://www.naesb.org/pdf4/weq_mc10033_102610.doc *(Effective date January 3, 2011)*

Minor Correction MC10032, Submitted by E. Skiba, JT. Wood, N. Saini, M.Otondo – For NAESB WEQ Version 002.1, WEQ 2010 AP Item 1.a.i – Interim Solution for Parallel Flow Visualization revised/approved by the WEQ EC on October 26, 2010: http://www.naesb.org/pdf4/weq_mc10032_102610.doc *(Effective date January 3, 2011)*

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Minor Correction MC10019, Submitted by D. Davis, Williams Gas Pipeline for NAESB WGQ Version 1.9: Joint NAESB WEQ Version 002.1 Standard WEQ-014-A and WGQ Version 1.0 Standard No. 11.4.1 (Implementation Guide for Electronic Tariff Filing) revised/approved by the WEQ EC on August 17, 2010 and the WGQ EC on August 19, 2010: http://www.naesb.org/pdf4/wgq_weq_mc10019_revised.doc *(Effective date October 7, 2010)*

Minor Correction MC10031, WEQ-001 Minor Correction to be applied to Version 002.2, Submitted by M. Goldberg, ISO New England Inc. revised/approved by the WEQ EC on August 17, 2010: http://www.naesb.org/pdf4/weq_mc10031_revised.doc *(Effective date October 7, 2010)*

Minor Correction for WEQ-001 to be applied to Versions 002.1 and 002.2 submitted by JT Wood, Southern Company - approved by the WEQ Executive Committee on October 27, 2009: http://www.naesb.org/pdf4/weq_mc111209_attach1_revised.doc *(Effective date December 14, 2009)*

TIMELINE:

- Version 003.0 is scheduled for publication second quarter 2012.
- To back into this date – all standards should be ratified by date of publication, and EC actions should be taken one month prior, to publication, all subcommittee actions should be taken three months prior to publication.

Month - 4	Subcommittee Recommendations Completed and sent out for comment
Month - 3	EC Actions taken
Month - 2	Ratifications sent out and completes, minor corrections applied
Month - 1	Review of draft publication
Month - 0	Date of Publication.

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NAESB UPDATE: VERSION 2.0– RETAIL ELECTRIC AND RETAIL GAS QUADRANT (REQ/RGQ)
OCTOBER 18, 2011

ACTIONS TO BE APPLIED TO RETAIL VERSION 1.3 TO CREATE RETAIL VERSION 2.0:

Version 1.3 was published on March 31, 2011.

2011-12:

Final Actions:

2011 Retail Annual Plan Item 7 – Supplier Marketing Practices as approved by the REQ and RGQ Executive Committees on August 17, 2011.
Final Action: http://www.naesb.org/member_login_form.asp?doc=fa_retail_2011_ap_7.doc – R*atified September 19, 2011*

2011 Retail Annual Plan Item 8(d)/R10012 – Third Party Access to Smart Meter-based Information as approved by the REQ Executive Committee on July 7, 2011.

Final Action: http://www.naesb.org/member_login_form.asp?doc=fa_req_r10012.doc - *Ratified August 8, 2011*

2011 Retail Annual Plan Item 8(c)/R10008 - Develop standards to support inclusion of OpenADE requirements document into the NAESB Smart Grid standards (R10008), specifically to standardize the exchange of Energy Usage Information.
Final Action: http://www.naesb.org/member_login_form.asp?doc=fa_req_2011_ap_8c_r10008.doc – *Ratified October 17, 2011*

Recommendations:

2011 Retail Annual Plan Item 10 – Update Existing Model Business Practices
Recommendation: http://www.naesb.org/pdf4/retail_2011_ap_10_rec.doc
Request for Formal Commends due October 20, 2011: http://www.naesb.org/pdf4/retail_092011_reqcom.doc

2011 Retail Annual Plan Items 5(a) and (b) – Additional Registration Agent Processes
Recommendation: http://www.naesb.org/pdf4/retail_2011_ap_5_a-b_rec.doc
Request for Formal Comments due October 14, 2011: http://www.naesb.org/pdf4/retail_091411_reqcom.doc

2011 Retail Annual Plan Item 7 (Phase 2) – Supplier Marketing Practices Disclosure Statement Contents
Recommendation: http://www.naesb.org/pdf4/retail_2011_ap_7_phase2_rec.doc
Request for Formal Comments due October 14, 2011: http://www.naesb.org/pdf4/retail_091411_reqcom.doc

Minor Corrections:

TIMELINE:

- Version 2.0 is scheduled for publication in April 2012.
- To back into this date – all standards should be ratified by date of publication, and EC actions should be taken one month prior, to publication, all subcommittee actions should be taken three months prior to publication.

Month - 4	Subcommittee Recommendations Completed and sent out for comment
Month - 3	EC Actions taken
Month - 2	Ratifications sent out and completes, minor corrections applied
Month - 1	Review of draft publication

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NAESB UPDATE: VERSION 2.0– RETAIL ELECTRIC AND RETAIL GAS QUADRANT (REQ/RGQ)
OCTOBER 18, 2011

Month - 0	Date of Publication.

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	6.3.2	Day Trade Interruptible Contract		Free	$25	$50		
	6.3.3	Electronic Data Interchange (EDI) Trading Partner Agreement (TPA)		Free	$25	$50		
	6.3.4	Gas Funds Transfer Agent Agreement (FTAA)		Free	$25	$50		
	6.5.2	Model Operational Balancing Agreement		Free	$25	$50		
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WEQ	010-1	Electric Power Funds Transfer Agent Agreement (FTAA)		Free	$25	$50		
	Versions 002.1, 002.0, 001, etc.	Business Practice Standards (CD Only)- *Please indicate which version* _____		Free	$150		$900	
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	Versions 1.3, 1.2, 1.1, 1.0	REQ and RGQ Model Business Practices Complete Version (CD Only) - *Please indicate which version* _____		Free	$150		$900	
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Revised June 2011

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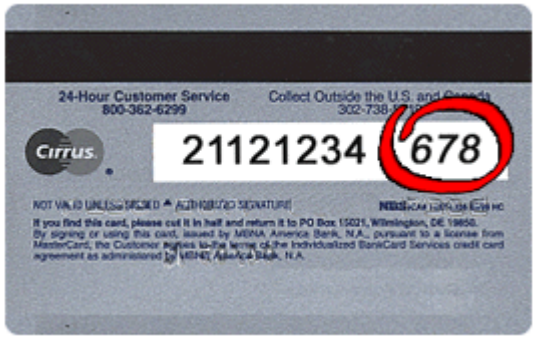

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TO: NAESB Wholesale Electric Quadrant Executive Committee Task Force for FERC Order No. 1000 Attendees and Task Force Members: Kathy York, Pat McGovern, Sherri Monteith, Narinder Saini, Ed Skiba, Dave Taylor, Lou Ann Westerfield, James Manning, Ed Davis, Jonathan Booe, Rae McQuade

FROM: Rae McQuade

RE: NAESB Review of FERC Order No. 1000

DATE: October 3, 2011

Dear Task Force –

This document will serve as the notes for the meeting, the recommendation to the WEQ EC for inclusion of provisional items to the annual planning process, and the analysis of the order as it may impact NAESB.

First of all, thank you so much for participating in the review for FERC Order No. 1000 and possible implications to NAESB standards. Attached please find a matrix that excerpts the Commission determinations from FERC Order No. 1000 for which comments were made in today's meeting. A link to the full order is also provided for context[1]. The matrix of all Commission determinations from FERC Order No. 1000 can be found at http://www.naesb.org/pdf4/ferc_order1000_100311a1.doc.

The meeting began at 9:00 am Central in Houston at the NAESB offices. The administrative items for the task force were addressed – antitrust guidance and adoption of the agenda. Before we began the review, we identified three possible categories of NAESB efforts that could be related to FERC Order No. 1000 – (1) OASIS standards, (2) complementary business practices in support of NERC reliability standards development, and (3) gas-electric coordination. When the review of the order concluded, we determined that paragraph nos. 58, 82, 146, 157, 159,161, 203, 204, 209, 225, 293, 369, 396, 398, 402 and 458 could contribute to a suggested provisional annual plan item in support of the order. A natural gas-electric coordination item will also be suggested to the WEQ EC for inclusion as a provisional annual plan item in support of the order.

The group agreed that the order was written to provide flexibility to the industry in the means by which the industry determined compliance. The provisional items are provided to the WEQ EC for discussion, should the EC come to a decision that fully voluntary standards that provide a framework within which meet the requirements of the order would prove helpful.

The language for the provisional annual plan items are:

1. Consider the development of gas-electric coordination standards in support of FERC Order No. 1000, recognizing the transmission planning required for facilities needed for the integration of variable and renewable generation that may be reliant on gas-fired generation and gas pipeline transmission.

2. Support FERC Order No. 1000:

- Paragraph 58 – a review of the OASIS standards developed for service across multiple transmission systems, specifically the queuing process, to determine if changes are needed.
- Paragraph 82 – consider if the development of an:

  optional posting standard for metrics to address the problems and difficulties of planning transmission facilities meeting state resource requirements that must also be integrated with existing transmission planning processes based on metrics or tariff provisions focused on reliability or, in some cases, production cost savings

  would be beneficial and if so, develop the optional posting standard.
- Paragraphs 146, 157, 159, 161, 203 – consider the development of an optional framework or checklist to support the 4 requirements of interregional transmission coordination as identified in Attachment K.
- Paragraph 204 -- consider the development of an optional checklist of procedural items to support identifying the needs of wholesale customers would be helpful – through meeting the criteria outlined in Attachment K of the pro forma OATT.

[1] FERC Order No. 1000 is available at http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=12712383

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- Paragraph 209 -- consider the development of an optional posting standard that would identify the evaluation criteria applied to potential solutions to transmission needs in the transmission planning processes. This effort could be similar to the work NAESB undertook for ATC postings.
- Paragraphs 225 and 293 -- consider the development of definitions for incumbent and non-incumbent transmission developer.
- Paragraph 293 -- consider the development of an optional project informational form to be submitted by prospective project sponsors which will be used for evaluation in the regional transmission planning process.
- Paragraph 369 -- consider the development of an optional mechanism for information sharing among the ISO/RTO and non-RTO regions.
- Paragraphs 396 and 398 -- consider the development of an optional mechanism for the sharing for information regarding the respective needs of each region – including the ability for each region to identify its needs and electronically dialog with neighboring transmission planning regions.
- Paragraph 402 -- consider the development of an optional framework for reaching out to state agencies for participation.
- Paragraph 458 -- consider the development of an optional informational check list and mechanism for distribution for the interregional transmission coordination procedures.

The meeting concluded at 3:17 pm Central.

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FERC Order No. 1000[2] - Commission determination where comments, or proposed action were provided by the task force		
Cite	**Commission Determination**	**Notes**
58	We also disagree with commenters who assert that the Commission is relying on unsubstantiated allegations of discriminatory conduct or that the current Order No. 890 processes have not been in place long enough to justify the reforms proposed herein. The courts have made clear that the Commission need not make specific factual findings of discrimination to promulgate a generic rule to ensure just and reasonable rates or eliminate undue discrimination.[52] In Associated Gas Distributors, the court explained that the promulgation of generic rate criteria involves the determination of policy goals and the selection of the means to achieve them and that courts do not insist on empirical data for every proposition upon which the selection depends: "[a]gencies do not need to conduct experiments in order to rely on the prediction that an unsupported stone will fall."[53] As discussed in this Final Rule, the Commission has received many comments arguing that commenters have experienced unjust and unreasonable, or unduly discriminatory or preferential practices in the transmission planning aspects of the transmission service provided by public utility transmission providers and that the lack of guidance from the Commission has delayed, as well as hindered, transmission projects. We have an obligation under section 206 to remedy these unjust and unreasonable, or unduly discriminatory or preferential rates, terms, and conditions and practices affecting rates. [52] *TAPS v. FERC*, 225 F.3d 667 at 688; *National Fuel*, 468 F.3d 831. [53] 824 F.2d 981 at 1008.	Paragraph 58 could lead to a provisional annual plan item supporting a review of the OASIS standards developed for service across multiple transmission systems, specifically the queuing process, to determine if changes are needed.
82	Based on our review of the record and comments in this proceeding, we also require each public utility transmission provider to amend its OATT to explicitly provide for consideration of transmission needs driven by Public Policy Requirements in both local and regional transmission planning processes. As the Commission noted in the Proposed Rule, existing transmission planning processes generally were not designed to account for, and do not explicitly consider, transmission needs driven by Public Policy Requirements. While transmission planning processes in some regions have evolved to reflect compliance with Public Policy Requirements, our review of the comments indicates that some transmission planning processes do not consider transmission needs driven by Public Policy Requirements.[72] As a result, some regions are struggling with how to adequately address transmission expansion necessary to, for example, comply with renewable portfolio standards. These difficulties are compounded by the fact that planning transmission facilities necessary to meet state resource requirements must be integrated with existing transmission planning processes that are based on metrics or tariff provisions focused on reliability or, in some cases, production cost savings. [72] For example, PJM acknowledges in its comments that under its existing transmission planning process, it cannot build transmission to anticipate the development of future generation, including renewable energy resources that are not associated with specific generator interconnection requests.	Paragraph 82 could lead to a provisional annual plan item in support of a fully voluntary posting standard for metrics to address the problems and difficulties of planning transmission facilities meeting state resource requirements that must also be integrated with existing transmission planning processes based on metrics or tariff provisions focused on reliability or, in some cases, production cost savings.

[2] Federal Energy Regulatory Commission (FERC) Final Rule: Transmission Planning and Cost Allocation by Transmission Owning and Operating Public Utilities [Docket No. RM10-23-000, Order No. 1000], July 21, 2011

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FERC Order No. 1000[2] - Commission determination where comments, or proposed action were provided by the task force		
Cite	**Commission Determination**	**Notes**
146	This Final Rule requires that each public utility transmission provider participate in a regional transmission planning process that produces a regional transmission plan and that complies with the transmission planning principles of Order No. 890 identified below. We determine that such transmission planning will expand opportunities for more efficient and cost-effective transmission solutions for public utility transmission providers and stakeholders. This will, in turn, help ensure that the rates, terms and conditions of Commission-jurisdictional services are just and reasonable and not unduly discriminatory or preferential.	Paragraph 146 could lead to a provisional annual plan item in support of a fully voluntary framework or checklist to support the 4 requirements of interregional transmission coordination as identified in Attachment K of the pro forma OATT. We have reviewed Attachment K of FERC Order No. 1000 against Attachment K of Order No. 890-B to determine if any additions would require work by NAESB. After review, we determined that no changes we needed, other than the provisional item noted above.
157	We agree with commenters that public utility transmission providers should have flexibility in determining the most appropriate manner to enhance existing regional transmission planning processes to comply with this Final Rule. As a result, and consistent with our approach in Order No. 890, we will not prescribe the exact manner in which public utility transmission providers must fulfill the requirements of complying with the regional transmission planning principles. We allow public utility transmission providers developing the regional transmission planning processes to craft, in consultation with stakeholders, requirements that work for their transmission planning region. Consistent with this approach, we will not impose additional rules that would detail consistent planning cycles, impose stakeholder procedures, establish timelines for evaluating regional transmission projects in the regional transmission planning process (including establishing a minimum long-term planning horizons), add any additional requirements to the Order No. 890 dispute resolution transmission planning principle, or establish other planning criteria beyond those in this Final Rule, as requested by some commenters. These are matters best suited to resolution by the public utility transmission providers and stakeholders in the transmission planning region. We also reject Anbaric and PowerBridge's suggestion that procedures be developed to treat transmission project information as confidential, outside of the Commission's Critical Energy Infrastructure Information (CEII) requirements and regulations, as this runs counter to the requirement that regional transmission planning processes be open and transparent.	Please see the comments provided for paragraph 146.

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FERC Order No. 1000[2] - Commission determination where comments, or proposed action were provided by the task force		
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159	We also decline to impose obligations to build or mandatory processes to obtain commitments to construct transmission facilities in the regional transmission plan, as requested by some commenters. The package of transmission planning and cost allocation reforms adopted in this Final Rule is designed to increase the likelihood that transmission facilities in regional transmission plans will move from the planning stage to construction. In addition, public utility transmission providers already are required to make available information regarding the status of transmission upgrades identified in transmission plans, including posting appropriate status information on its website, consistent with the Commission's CEII requirements and regulations.[154] To the extent an entity has undertaken a commitment to build a transmission facility in a regional transmission plan, that information should be included in such postings.[155] We determine that this obligation, together with the reforms we adopt in this Final Rule, are adequate without placing further obligations on public utility transmission providers. [154] *See* Order No. 890, FERC Stats. & Regs. ¶ 31,241 at P 472. [155] Nothing in this Final Rule limits public utility transmission providers from developing mechanisms to impose an obligation to build transmission facilities in a regional transmission plan, consistent with the requirements below regarding the treatment of nonincumbent transmission developers. Similarly, nothing in this Final Rule preempts or otherwise limits any such obligation that may exist under state or local laws or regulations.	Similar to the notes provided for paragraph 146, a provisional item for the WEQ annual plan could be added for the development of an optional informational posting framework similar to the effort undertaken related to FERC Order No. 717.
161	The Commission also clarifies that the obligation to participate in a regional transmission planning process that produces a regional transmission plan that meets the seven transmission planning principles, is not intended to appropriate, supplant, or impede any local transmission planning processes that public utility transmission providers undertake. The objective of this Final Rule is to amend the requirements of Order No. 890 so that regional transmission planning processes not only continue to meet the transmission planning principles established in Order No. 890 but, additionally, produce a regional transmission plan.	Please see the comments provided for paragraph 146.

FERC Order No. 1000[2] - Commission determination where comments, or proposed action were provided by the task force		
Cite	**Commission Determination**	**Notes**
203	The Commission requires public utility transmission providers to amend their OATTs to describe procedures that provide for the consideration of transmission needs driven by Public Policy Requirements in the local and regional transmission planning processes.[185] As discussed in section II above, the reforms adopted below are intended to ensure that the local and regional transmission planning processes support the development of more efficient or cost-effective transmission facilities to meet the transmission needs driven by Public Policy Requirements, which will help ensure that the rates, terms and conditions of jurisdictional service are just and reasonable. Moreover, these reforms will remedy opportunities for undue discrimination by requiring public utility transmission providers to have in place processes that provide all stakeholders the opportunity to provide input into what they believe are transmission needs driven by Public Policy Requirements, rather than the public utility transmission provider planning only for its own needs or the needs of its native load customers. Our decision here to require transmission planning to include the consideration of transmission needs driven by Public Policy Requirements is supported by the numerous commenters who generally agree with the proposed reforms.[186] [185] To the extent public utility transmission providers within a region do not engage in local transmission planning, such as in some ISO/RTO regions, the requirements of this Final Rule with regard to Public Policy Requirements apply only to the regional transmission planning process. [186] E.g., Allegheny Energy Companies; American Transmission; Anbaric and PowerBridge; Arizona Corporation Commission; Arizona Public Service Company; Atlantic Grid; AWEA; California Commissions; California ISO; Clean Energy Group; Connecticut & Rhode Island Commissions; Consolidated Edison and Orange & Rockland; DC Energy; Delaware PSC; Dominion; Duke; Duquesne Light Company; EarthJustice; Exelon; First Wind; Iberdrola Renewables; Integrys; ISO New England; ISO/RTO Council; Maine PUC; Massachusetts Departments; Massachusetts Municipal and New Hampshire Electric; MISO; MISO Transmission Owners; National Audubon Society; National Grid; New England States' Committee on Electricity; New Jersey Board; New Jersey Division of Rate Counsel; New York PSC; NextEra; Northeast Utilities; Northern Tier Transmission Group; Ohio Consumers' Counsel and West Virginia Consumer Advocate Division; Old Dominion; Pacific Gas & Electric; Pattern Transmission; Pennsylvania PUC; PHI Companies; PJM; PUC of Nevada; San Diego Gas & Electric; Southern California Edison; Sunflower and Mid-Kansas; Transmission Dependent Utility Systems; Transmission Access Policy Study Group; Transmission Agency of Northern California; Western Grid Group; and Wind Coalition.	Please see the comments provided for paragraph 146.
204	Under the existing requirements of Order No. 890, there is no affirmative obligation placed on public utility transmission providers to consider in the transmission planning process the effect that Public Policy Requirements may have on local and regional transmission needs.[187] We agree with the concerns of many commenters that, without having in place procedures to consider transmission needs driven by Public Policy Requirements, the needs of wholesale customers may not be accurately identified.[188] While we understand that some public utility transmission providers already do have processes in place to determine whether transmission needs reflect Public Policy Requirements, others do not. We correct this deficiency through the requirements below, which are intended to enhance, rather than replace, existing transmission planning obligations under Order No. 890. Moreover, as with other reforms adopted in this Final Rule, these requirements are intended to be an additional set of minimum obligations for public utility transmission providers and are not intended to preclude additional transmission planning related activities. [187] In response to Transmission Dependent Utility Systems, we note that nothing in the existing *pro forma* OATT affirmatively prohibits consideration of the effect of Public Policy Requirements on transmission needs. [188] *E.g.*, National Grid; NextEra; AWEA; Atlantic Grid; Delaware PSC; Anbaric and PowerBridge; and Conservation Law Foundation.	Paragraph 204 could lead to a provisional annual plan item to determine if an optional checklist of procedural items to support identifying the needs of wholesale customers would be helpful – through meeting the criteria outlined in Attachment K of the order.

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FERC Order No. 1000[2] - Commission determination where comments, or proposed action were provided by the task force		
Cite	**Commission Determination**	**Notes**
209	We decline to require that transmission needs driven by Public Policy Requirements be identified by a particular entity or subset of stakeholders. However, all stakeholders must have an opportunity to provide input and offer proposals regarding the transmission needs they believe should be so identified, as discussed above. In other words, while the procedures adopted by public utility transmission providers in response to this Final Rule must allow all stakeholders to bring forth any transmission needs they believe are driven by Public Policy Requirements, those procedures must also establish a just and reasonable and not unduly discriminatory process through which public utility transmission providers will identify, out of this larger set of needs, those needs for which transmission solutions will be evaluated. Some public utility transmission providers might conclude, in consultation with stakeholders, to develop procedures that rely on a committee of load-serving entities, a committee of state regulators, or a stakeholder group to identify those transmission needs for which potential solutions will be evaluated in the transmission planning processes.[189] Another example would be the case where a public utility transmission provider identifies such transmission needs itself on behalf of its customers, following consultation with stakeholders, including participating state regulators. However, to ensure that requests to include transmission needs are reviewed in a fair and non-discriminatory manner, we require public utility transmission providers to post on their websites an explanation of which transmission needs driven by Public Policy Requirements will be evaluated for potential solutions in the local or regional transmission planning process, as well as an explanation of why other suggested transmission needs will not be evaluated. We conclude that this posting requirement is necessary to provide the Commission and interested parties with information as to how the identification procedures are implemented by public utility transmission providers. [189] As noted below, we strongly encourage states to participate actively in the identification of transmission needs driven by Public Policy Requirements. Public utility transmission providers, for example, could rely on committees of state regulators or, with appropriate approval from Congress, compacts between interested states to identify transmission needs driven by Public Policy Requirements for the public utility transmission providers to evaluate in the transmission planning process.	Paragraph 209 could lead to a provisional item for the WEQ annual plan to develop an optional posting standard that would identify the evaluation criteria applied to potential solutions to transmission needs in the transmission planning processes. This effort could be similar to the work NAESB undertook for ATC postings.
225	This part of the Final Rule addresses the removal from Commission-jurisdictional tariffs and agreements of provisions that grant a federal right of first refusal to construct transmission facilities selected in a regional transmission plan for purposes of cost allocation. To implement the elimination of such rights, we adopt below a framework that requires the development of qualification criteria and protocols to govern the submission and evaluation of proposals for transmission facilities to be evaluated in the regional transmission planning process. We further require that any nonincumbent developer of a transmission facility selected in the regional transmission plan have an opportunity comparable to that of an incumbent transmission developer to allocate the cost of such transmission facility through a regional cost allocation method or methods. For purposes of this Final Rule, "nonincumbent transmission developer" refers to two categories of transmission developer: (1) a transmission developer that does not have a retail distribution service territory or footprint; and (2) a public utility transmission provider that proposes a transmission project outside of its existing retail distribution service territory or footprint, where it is not the incumbent for purposes of that project. By contrast, and as we explained in the Proposed Rule, an "incumbent transmission developer/provider" is an entity that develops a transmission project within its own retail distribution service territory or footprint.[199] [199] *See* Proposed Rule, FERC Stats. & Regs. ¶ 32,660 at n.23	Paragraph 225 could lead to a provisional item for the WEQ annual plan to consider the development of definitions for incumbent and non-incumbent transmission developer.

FERC Order No. 1000[2] - Commission determination where comments, or proposed action were provided by the task force		
Cite	**Commission Determination**	**Notes**
293	In the Proposed Rule, the Commission sought comment on a framework to eliminate from a transmission provider's OATT or agreements subject to the Commission's jurisdiction provisions that establish a federal right of first refusal for an incumbent transmission provider with respect to transmission facilities that are included in a regional transmission plan. The Commission proposed to require each public utility transmission provider to revise its OATT to: (1) establish appropriate qualification criteria for determining an entity's eligibility to propose a project in the regional transmission planning process, whether that entity is an incumbent transmission owner or a nonincumbent transmission developer; (2) include a form by which a prospective project sponsor would provide information in sufficient detail to allow the proposed project to be evaluated in the regional transmission planning process, and provide a single, specified date by which proposals must be submitted; (3) describe a transparent and not unduly discriminatory or preferential process used by the region for evaluating whether to include a proposed transmission facility in a regional transmission plan; (4) remove, along with corresponding changes in any other Commission-jurisdictional agreement, provisions that establish a federal right of first refusal for an incumbent transmission provider and include a description of how the regional transmission planning process provides a right to construct a selected project to the project sponsor, including potential modifications to proposed projects; (5) provide the right to develop a project for a defined period of time if not initially included in a regional transmission plan; and, (6) provide a comparable opportunity for incumbent and nonincumbent transmission project developers to recover the cost of a transmission facility through a regional cost allocation method.	Paragraph 293 could lead to a provisional item for the WEQ annual plan to develop an optional project informational form to be submitted by prospective project sponsors which will be used for evaluation in the regional transmission planning process.
369	Specifically, we agree with commenters, such as AEP, that the transmission planning requirements of Order No. 890 are too narrowly focused geographically and fail to provide for adequate analysis of the benefits associated with interregional transmission facilities in neighboring transmission planning regions. Our decision also is influenced by those commenters that cite seams issues or difficulties they have encountered in coordinating the development of transmission facilities across the regions, including between RTOs and ISOs, as well as between an RTO or ISO and non-RTO or ISO region and among non-RTO regions. We are persuaded by those commenters who argue that additional interregional transmission coordination requirements would facilitate consideration of transmission needs driven by Public Policy Requirements by enabling the evaluation of interregional transmission facilities that may address those needs more efficiently or cost-effectively. We agree with Transmission Dependent Utility Systems' comments that interregional transmission coordination promotes cost-effective transmission development and facilitates transmission customer participation in interregional transmission coordination efforts.	Paragraph 369 could lead to a provisional item for the WEQ annual plan to facilitate coordination among the ISO/RTO and non-RTO regions through an optional mechanism for information sharing.

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FERC Order No. 1000[2] - Commission determination where comments, or proposed action were provided by the task force		
Cite	**Commission Determination**	**Notes**
396	The Commission requires each public utility transmission provider, through its regional transmission planning process, to establish further procedures with each of its neighboring transmission planning regions for the purpose of coordinating and sharing the results of respective regional transmission plans to identify possible interregional transmission facilities that could address transmission needs more efficiently or cost-effectively than separate regional transmission facilities. Through adoption of this requirement, the Commission intends that neighboring transmission planning regions will enhance their existing regional transmission planning processes to provide for: (1) the sharing of information regarding the respective needs of each region, and potential solutions to those needs; and (2) the identification and joint evaluation of interregional transmission facilities that may be more efficient or cost-effective solutions to those regional needs.[338] By requiring public utility transmission providers to undertake such interregional transmission coordination activities, the Commission and transmission customers will have greater certainty that the transmission facilities in each regional transmission plan are more efficient or cost-effective solutions to meeting transmission planning region's needs. [338] The same language must be included in each public utility transmission provider's OATT that describes the processes that a particular pair of transmission planning regions will use to satisfy the interregional transmission coordination requirements of this Final Rule. The filing requirements concerning this same language are discussed in the compliance section below. *See* discussion *infra* section VI.A. of this Final Rule.	Paragraph 396 could lead to a provisional WEQ annual plan item in support of an optional mechanism for the sharing for information regarding the respective needs of each region – including the ability for each region to identify its needs and electronically dialog with neighboring transmission planning regions.
398	However, we clarify in response to East Texas Cooperatives that the interregional transmission coordination requirements adopted do require that public utility transmission providers do more than simply commit to share their regional transmission plans and other transmission planning information. To comply with the requirements in this Final Rule, each public utility transmission provider, through its regional transmission planning process, must develop and implement additional procedures that provide for the sharing of information regarding the respective needs of each neighboring transmission planning region, and potential solutions to those needs, as well as the identification and joint evaluation of interregional transmission alternatives to those regional needs by the neighboring transmission planning regions. On compliance, public utility transmission providers must describe the methods by which they will identify and evaluate interregional transmission facilities. While the Commission does not require any particular type of studies to be conducted, this Final Rule requires public utility transmission providers in neighboring transmission planning regions to jointly identify and evaluate whether interregional transmission facilities are more efficient or cost-effective than regional transmission facilities. Accordingly, the Commission requires that the compliance filing by public utility transmission providers in neighboring planning regions include a description of the type of transmission studies that will be conducted to evaluate conditions on their neighboring systems for the purpose of determining whether interregional transmission facilities are more efficient or cost-effective than regional facilities.	Please see the comments provided for paragraph 396.
402	With respect to commenters' assertion that this Final Rule should not infringe on state authority, we emphasize here that the interregional transmission coordination requirements are not intended to infringe on state authority. We acknowledge the vital role that state agencies play in transmission planning and their authority to site transmission facilities. We strongly encourage state agencies to be involved in the development and implementation of the interregional transmission coordination procedures necessary to satisfy the interregional transmission coordination requirements adopted herein.	Paragraph 402 could lead to a provisional WEQ annual plan item in support of an optional framework for reaching out to state agencies for participation which could be used as a template in meeting the requirements of this Commission determination.

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FERC Order No. 1000[2] - Commission determination where comments, or proposed action were provided by the task force		
Cite	**Commission Determination**	**Notes**
458	The Commission requires public utility transmission providers, either individually or through their transmission planning region, to maintain a website or e-mail list for the communication of information related to interregional transmission coordination procedures. The Commission clarifies that information related to interregional transmission coordination may be maintained on an existing public utility transmission provider's website or a regional transmission planning website. However, the information should be posted in such a way that stakeholders are able to distinguish between information related to interregional transmission coordination and information related to regional transmission planning.	Paragraph 458 could lead to a provisional WEQ annual plan item in support of an optional informational check list and mechanism for distribution for the interregional transmission coordination procedures, which could be used as a template or framework in complying with this Commission determination. See also the comments provided for Paragraph 159.

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August 29, 2011

TO: NAESB Members and Interested Industry Participants

FROM: Rae McQuade

RE: Preparation of the 2012 Annual Plans: Meeting Announcements, Agendas and Call for Comments

Dear NAESB Members and Interested Parties,

For the development of annual plans for 2012, we are asking for your input by October 7 for consideration in Quadrant Specific Annual Plan Subcommittee calls on October 14 and 17. Comments should be submitted to Veronica Thomason at naesb@naesb.org.

The annual plans define the types of standards development activities that will be undertaken in 2012 and once drafted, and approved by the quadrant specific ECs on October 24-26, will be forwarded to the NAESB Board of Directors for its approval. The Board is responsible for approving the plan and making any needed modifications to the plan to support the organization's strategies and focus. For background as you consider the items that should be on the plan, we have provided the current year's plans, which may include carryover items.

The annual plans conference calls are scheduled for:

Date	Time	Meeting Topic, Call-in and Web Cast Information, Meeting Materials and Comments Deadline
Friday, Oct 14	9 am to Noon C	Wholesale Gas Quadrant 2012 Annual Plan Conference Call Number: 866-740-1260 Access Code: 7133560 Security Code: 1022 Web Cast: http://www.readytalk.com (please use same codes) Comment Deadline: Oct. 7, submit comments to naesb@naesb.org Meeting materials: http://www.naesb.org/pdf4/wgq_ec081811a1.docx Annual Plan for 2011 redlined by the WGQ EC for Board consideration in September
Friday, Oct 14	1-4 pm C	Wholesale Electric Quadrant 2012 Annual Plan Conference Call Number: 866-740-1260 Access Code: 7133560 Security Code: 1221 Web Cast: http://www.readytalk.com (please use same codes) Comment Deadline: Oct. 7, submit comments to naesb@naesb.org Meeting materials: http://www.naesb.org/pdf4/weq_ec081611a1.docx - Annual Plan for 2011 redlined by the WEQ EC for Board consideration in September
Monday, Oct 17	9 am to Noon C	Retail Quadrants 2012 Annual Plan Conference Call Number: 866-740-1260 Access Code: 7133560 Security Code: 1301 Web Cast: http://www.readytalk.com (please use same codes) Comment Deadline: Oct. 7, submit comments to naesb@naesb.org Meeting materials: http://www.naesb.org/pdf4/retail_ec081711a1.docx Annual Plan for 2011 redlined by the Retail ECs for Board consideration in September

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If you determine to provide input to this critical process, we would ask that you provide specific information that is listed below. **If we could have your comments for the specific quadrant annual plans as noted with the call in information**, we would appreciate it. Your comments should be forwarded to the NAESB office (naesb@naesb.org). All comments will be welcome and you should feel free to share this request for comments with your colleagues regardless of their status as NAESB members. All comments will be posted on the NAESB web site.

When you forward comments, we would appreciate the following information:

- Your contact information, so that follow up questions can be asked, if needed.
- For identification of new annual plan items for 2012 or modifications to existing annual plan items that rollover into 2012:
    - Relevant quadrant for the new annual plan item or modified existing rollover annual plan item
    - Identification of new annual plan items including a description, with a designation of whether the items are to be considered for completion in 2012 or beyond, or rationale for changing existing rollover item.
    - A level of priority for the new annual plan items and how fast the development should occur, including an estimate of how much time the development time will be needed.
    - Whether you, your staff or colleagues are interested in participating and if you consider yourself a subject matter expert on the new annual plan items or rollover items
- Any other comments you would like to provide.

We look forward to hearing from you soon. Should you have any questions or need additional information, do not hesitate to contact the NAESB office at 713-356-0060 or vthomason@naesb.org.

Best Regards,

Rae

Rae McQuade
President, NAESB

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Notes for participation:

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Quadrant Specific Agendas

1 Administrative: Antitrust Guidance, Roll Call, Adoption of Agenda

2. Review and discuss each comment specific to the quadrant and determine changes to the quadrant's 2012 Annual Plan

3. Vote to forward the proposed plan to the quadrant's Executive Committee for its review and approval and determination

4. Other & New Business

5. Adjourn

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NORTH AMERICAN ENERGY STANDARDS BOARD
~~2011~~ 2012 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
~~Approved by the Board of Directors on September 22, 2011~~Proposed Redline Changes for 2012 Annual Plan From the Annual Plan Subcommittee

	Item Description	Completion[1]	Assignment[2]
1	**Develop business practices standards as needed to complement reliability standards** 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 – Permanent Solution[1] Note: Consideration should be given to provisional item 4. Work is being coordinated with the NERC IDC Working Group. Status: Started	4th Q, 2011	BPS
b)	Perform consistency review of WEQ-008 Transmission Loading Relief Business Practice Standards and develop recommendation.[2]	2012	BPS
c)	Disturbance Control Standard (DCS) ~~and AGC~~ (BAL-002 ~~and BAL-005~~) Coordination with NERC Project 2010-14.1 Phase 1 of Balancing Authority Reliability-based Controls: Reserves Status: Monitor. ~~(Will require coordination with Balancing Authority Reliability Based Controls Group created in July 2010 NERC Project 2010-14)~~	~~TBD~~[2]2013	BPS/TIMTF
~~d)~~	~~Coordinate with NERC on the functional model glossary revisions NERC Project 2010-08~~	~~TBD~~	~~SRS~~
~~e~~d)	Coordinate with NERC on changes to the definition of Bulk Electric System NERC Project 2010-17 Definition of Bulk Electric System. ~~NERC Project 2010-17~~ Status: Started (Initial review performed to determine whether NAESB should adopt revised NERC definition or maintain existing definition. The d~~D~~ecision was made to recommend adopting revised NERC definition and ~~.~~ NERC is planning to complete its efforts by 1st Quarter 2012, upon which ~~.~~ NAESB's efforts are contingent. ~~upon the completion of NERC's.~~)	2nd ~~1st~~ Q, 2012	SRS

[1] See AP Item 3.iv., Completion dates may be revisited contingent upon NERC-NAESB coordination of implementation related to parallel flow visualization

[2] In some sections of WEQ 008 it appears that the standards are applicable to all of the Interconnections and other it appears that the standards are only applicable to the Eastern Interconnection. The title indicates the standards are applicable to the Eastern Interconnection.

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~~2011~~ 2012 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
~~Approved by the Board of Directors on September 22, 2011~~Proposed Redline Changes for 2012 Annual Plan From the Annual Plan Subcommittee

	Item Description	Completion[1]	Assignment[2]
2	**Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)[3]**		
a)	Develop version 2 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers. Status: Underway Request R050004 was expanded to include the Order No. 890 (Docket Nos.RM05-17-000 and RM02-25-000), (Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002), and Order No. 890-B (Docket Nos. RM05-17-03 and RM05-25-03) "Preventing Undue Discrimination and Preference in Transmission Services"		
i)	Group 3: Network Service On OASIS[4]		
1)	Use of OASIS to Make Electronic Requests to Designate and Terminate Network Resource Status: Underway	~~3rd~~ 4th Q, 2011	OASIS
2)	Ability to Query Requests to Designate and Terminate Network Resources and Allow for Queries of All Information Provided with Designation Requests Status: Underway	~~3rd~~ 4th Q, 2011	OASIS
3)	Masking of Designated Network Resource Operating Restrictions and Generating Cost Information Status: Underway	4th ~~3rd~~ Q, 2011	OASIS
4)	Procedural Requirements for Submitting Designations over new OASIS Functionality Status: Underway	4th ~~3rd~~ Q, 2011	OASIS
5)	Specify How Designated Network Service Informational Postings are Posted on OASIS Status: Underway	4th ~~3rd~~ Q, 2011	OASIS
6)	Develop standards for the treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation Status: Underway	4th ~~3rd~~ Q, 2011	OASIS
7)	Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources Status: Underway	4th ~~3rd~~ Q, 2011	OASIS
8)	Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations Status: Underway	4th ~~3rd~~ Q, 2011	OASIS

[3] FERC Order No. 890, issued February 16, 2007 can be accessed from the following link - http://www.naesb.org/doc_view4.asp?doc=ferc021607.doc

[4] Several group 3 items may be removed from this plan if the 4th quarter completion dates are met.

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	Item Description	Completion[1]	Assignment[2]
ii)	Group 4: Pre-Emption; Request No. R05019		
	1) Pre-Emption Status: Started	1st Q, 2012	OASIS
	2) Request No. R05019 Status: Started	1st Q, 2012	OASIS
~~iii)~~	~~Group 5: Paragraph 1377[5] Group 5 work should precede group 4 work[3]~~		
	~~1) Paragraph 1377 Coordination of Requests Across Multiple Transmission Systems~~ ~~Status: Complete through the OASIS subcommittee, the WEQ EC approved July 8, 2011, ratification due August 11, 2011.~~	~~2nd Q, 2011~~	~~OASIS~~
	~~2) Re-Bid Of Partial Service across Multiple Transmission Providers' Systems~~ ~~Status: Complete through the OASIS subcommittee, the WEQ EC approved July 8, 2011, ratification due August 11, 2011~~	~~2nd Q, 2011~~	~~OASIS~~
	~~3) Group DNR requests from a system with point-to-point requests on other systems for synchronization~~ ~~Status: Complete through the OASIS subcommittee, the WEQ EC approved July 8, 2011, ratification due August 11, 2011~~	~~2nd Q, 2011~~	~~OASIS~~

~~5 Paragraph 1377 of FERC Order No. 890, issued February 16, 2007: The Commission agrees that transmission requests across multiple transmission systems should be coordinated by the relevant transmission providers. We will not, however, amend the pro forma OATT to require such coordination. Rather, we require transmission providers working through NAESB to develop business practice standards related to coordination of requests across multiple transmission systems. In order to provide guidance to NAESB, we will articulate the principles that should govern processing across multiple systems. All the transmission providers involved in a request across multiple systems should consider a request that requires studies across multiple systems to be a single application for purposes of establishing the deadlines for rendering an agreement for service, revising queue status, eliciting deposits and commencing service. In order to preserve the rights of other transmission customers with studies in the queue, the priority for the single application should be based on the latest priority across the transmission providers involved in the multiple system request. We note that regional entities like wesTTrans are already coordinating requests across multiple transmission systems and we believe such coordination is an acceptable solution to this issue.~~

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	Item Description	Completion[1]	Assignment[2]
ii~~i~~)	Group 6: Miscellaneous (Paragraph~~s 1390[6] and~~ 1627[7] of FERC Order No. 890)		
	~~1) Paragraph 1390 of Order 890 – Terminations related to: deficient requests, customer failure to pay required annual reservation fee, and customer modifications to applications which are meaningfully different.~~	~~1st Q, 2012~~	~~OASIS~~
	~~Status: Completed~~		
	1) Paragraphs 1627 of Order 890 – Posting of additional information on OASIS regarding firm transmission curtailments	1st Q, 2012	OASIS
	Status: Not Started		
	2) Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services.	1st Q, 2012	OASIS
	Status: Not Started		

~~[6] Paragraph 1390 of FERC Order No. 890, issued February 16, 2007: We will not modify the pro forma OATT to address requests to allow the transmission provider to terminate idle transmission service requests. NAESB's business practice 001-4.11 allows the transmission provider to retract a request if the transmission customer does not respond to an acceptance within the time established in NAESB business practice standard 001-4.13. Therefore, we interpret TDU Systems comments to refer to circumstances when a transmission customer fails to respond to the transmission provider's request for additional information during the course of a request study. As discussed above, by the time the transmission provider offers a system impact study agreement, it should have all of the information that it needs to complete the study. Pursuant to section 17.4 of the pro forma OATT, the transmission provider can deem a transmission service request deficient if the transmission customer does not provide all of the information the transmission provider needs to evaluate the request for service. We will revise section 17.7 of the pro forma OATT so that the transmission provider is able to terminate a request for transmission service if a transmission customer that is extending the commencement of service does not pay the required annual reservation fee within 15 days of notifying the transmission provider that it would like to extend the commencement of service. We will not change the pro forma OATT to allow the transmission provider to terminate a transmission service request if the transmission customer changes its application for service. We believe the existing pro forma OATT is sufficient to allow a transmission provider to manage situations where the transmission customer modifies its application for service to the point that the customer is requesting transmission service that is meaningfully different than its initial request.~~

[7] Paragraph 1627 of FERC Order No. 890, issued February 16, 2007: We agree with suggestions for the posting of additional curtailment information on OASIS and, therefore, require transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards. These postings must include all circumstances and events contributing to the need for a firm service curtailment, specific services and customers curtailed (including the transmission provider's own retail loads), and the duration of the curtailment. This information is in addition to the Commission's existing requirements: (1) when any transmission is curtailed or interrupted, the transmission provider must post notice of the curtailment or interruption on OASIS, and the transmission provider must state on OASIS the reason why the transaction could not be continued or completed; (2) information to support any such curtailment or interruption, including the operating status of facilities involved in the constraint or interruption, must be maintained for three years and made available upon request to the curtailed or interrupted customer, the Commission's Staff, and any other person who requests it; and, (3) any offer to adjust the operation of the transmission provider's system to restore a curtailed or interrupted transaction must be posted and made available to all curtailed and interrupted transmission customers at the same time.

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	Item Description	Completion[1]	Assignment[2]
b)	Develop the needed business practices to support existing Request No. R05004: 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	4th ~~3rd~~ Q, 2011	OASIS

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

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 (R04006E). (Related to AP 2(a)(iii) and AP 2(a)(i)) Status: Underway.	4th ~~3rd~~ Q, 2011	OASIS
ii)	Registry (TSIN): Determine and develop needed business practice standards to support the registry functions currently supported by NERC (R04037, R06027) and transition the TSIN Registry from NERC to NAESB as the enhanced Electric Industry Registry (EIR). Status: Underway.	1st Q, 2012	NAESB/NERC Administration, JESS
iii)	Make remaining incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS (R05026). Scoping statement completed by SRS. There were a number of assignments from the Standards Request. The outstanding items are included below:		
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	2012	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)	2012	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)	2012	OASIS

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		Item Description	Completion[1]	Assignment[2]
	iv)	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.[8] Status: Underway. Completion date dependent upon coordination activities with NERC, and Project 2008-12 ~~-~~is delayed by NERC due to other higher priority development. It is expected that NERC will begin its effort in 2nd Q 2013.	2014~~2~~	JESS
4.	~~4.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: Underway~~	~~3rd Q, 2011~~	~~Board Certification Program Committee~~
a)	~~ii)a)~~	Develop PKI standards for OASIS. Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	2012	~~OASIS~~PKI
b)	~~iii)b)~~	Develop Industry Implementation Plan for meeting PKI Standard requirements for e-tagging. Status: Underway. Full e-Tag implementation (server & client side) is linked to the transition of the Registry from NERC to NAESB and NAESB implementation.	TBD – dependent on item above (i) and EIR	~~JESS~~PKI
c)	~~c)~~ Develop modifications for WEQ-012 as needed to reflect current market conditions			
	i)~~iii)~~	Authorized Certification Authority Standard and Credentialing Practice (R11014) Status: Underway	TBD	PKI
	ii)~~ivi i)~~	Technology Review and Upgrade for NAESB Public Key Infrastructure Standard WEQ-012 (R11015). Status: Underway	TBD	PKI
	iii)~~iii)~~	~~BPA to send language~~Review and develop standards as needed to support adequate session encryption (SSL/TLS issues: US-Cert Vulnerability Note VU#864643) Status: Not Started	TBD	PKI

[8] See AP Item 1.a.iv, Completion dates may be revisited contingent upon NERC-NAESB coordination of implementation related to parallel flow visualization.

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	Item Description	Completion[1]	Assignment[2]
4	**~~Review and develop business practices standards to Demand Response, Demand Side Management and Energy~~** ~~Efficiency Programs~~ ~~Review and develop needed model business practices for a standardized method for quantifying benefits, savings, cost avoidance and/or the reduction in energy demand and usage derived from the implementation of demand side management and energy efficiency programs. This effort will include demand side response, energy efficiency programs and metering, including the 'curtailment service provider' program.~~		
	~~a)~~ ~~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 Standards Subcommittees 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.~~ ~~Status: Completed~~	~~Phase 2 – 4th Q 2010~~	~~WEQ Section of the Joint WEQ/REQ DSM-EE Subcommittee~~
	~~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).~~ ~~Status: Completed~~	~~Phase 2 – 4th Q 2010~~	~~WEQ Section of the Joint WEQ/REQ DSM-EE Subcommittee~~
	~~c)~~ ~~Coordinate glossary updates for business practice standards with the Retail Electric Quadrant~~ ~~Status: Ongoing~~	~~Ongoing~~	~~Joint WEQ/REQ DSM Subcommittee and WEQ SRS and Retail Glossary~~
	~~d)~~ ~~Develop business practice standards used to measure and verify reductions in energy and demand from energy efficiency in wholesale and retail markets.[3] 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: The WEQ EE standards are completed.~~	~~4th Q, 2010~~ ~~Retail Standards 4th Q 2011~~	~~Joint WEQ/REQ DSM-EE Subcommittee~~
5	**Maintain existing body of Version 2.x standards**		
	~~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: Completed~~	~~3rd Q, 2011~~	~~OASIS~~

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	Item Description	Completion[1]	Assignment[2]
~~b~~a)	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) Status: Started	1st Q, 2012	OASIS
~~c~~b)	Correct WEQ 013-2.6.7.2. – Resale off OASIS (R08027) Status: Not Started	TBD	OASIS
~~d~~c)	Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 (R09003) Status: Started	1st Q, 2012	OASIS
~~e~~d)	Create a new OASIS mechanism that allows for the merger of like reservations without the use of the resale mechanism (R09015) Status: Not Started	TBD	OASIS
e)	Develop standards to support crediting redirect requests with the capacity of the parent reservation (BPA Comments~~link to file~~) Status: Not Started	TBD	OASIS

6. **Develop Smart Grid Wholesale and Retail Electric Standards -** 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 standards to support PAP 10 – Standards Energy Usage Information, Phase 2, Harmonization with CIM and SEP 2.0 Status: Not Started, pending discussions with CIM and SEP 2.0~~Develop requirements and use cases for PAP 03 – Pricing Model Phase 2 Status: Completed~~	1st Q, 2012~~1 4th Q, 2010~~	Joint WEQ/REQ PAP 10 SGS Subcommittee~~Joint WEQ/REQ SGS Subcommittee~~
~~b)~~	~~Develop requirements and use cases for PAP 04 – Scheduling Model Phase 2 Status: Completed~~	~~4th Q, 2010~~	~~Joint WEQ/REQ SGS Subcommittee~~
~~c)~~	~~Develop requirements and use cases for PAP 09 – Demand Response/Distributed Energy Resources Phase 2 Status: Completed~~	~~4th Q, 2010~~	~~WEQ Section of the Joint WEQ/REQ SGS Subcommittee~~
~~d)~~	~~Develop standards to support PAP 10 – Standards Energy Usage Information~~		
	~~i) Develop Information Model and related business practices Status: Completed~~	~~4th Q, 2010~~	~~Joint WEQ/REQ PAP 10 SGS Subcommittee~~
	~~ii) Develop standards to support PAP 10 – Standards Energy Usage Information, Phase 2, Harmonization with CIM and SEP 2.0 Status: Not Started, pending discussions with CIM and SEP 2.0~~	~~2011~~	~~Joint WEQ/REQ PAP 10 SGS Subcommittee~~

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	Item Description	Completion[1]	Assignment[2]
7.	**Develop or modify standards to Support FERC Order No. 676-E, (Docket No. RM 05-5-013)**		
~~a)~~	~~Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E (See ¶ 39[9])~~ ~~Status: Completed~~	~~4th Q, 2011~~	~~OASIS~~
~~b~~a)	Develop standards to support the Transmission Provider right to reassess the availability of conditional firm (See ¶ 72[10]) Status: Started	4th Q, 2011	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[11]). This annual plan item is tied to Annual Plan Item 2(a)(iii)~~ ~~Status: Underway – second report filed.~~	~~Ongoing~~	~~NAESB Office~~

[9] ~~39. In regards to Entergy's question of whether the transmission provider's calculated and posted available flowgate capability values should be used to fulfill the posting requirements set forth in Standard 001-14 and 001-15 in instances where there is no requirement to convert this calculation to available transfer capability values, we agree with Entergy that this requirement can be met by the transmission provider posting its available flowgate capability values. As to EPSA's argument that Standard 001-15 falls short of the goals of Order No. 890, we find that, with the exception of Standard 001-15.1.2, compliance with Standard 001-15 provides all of the information required by Order No. 890. However, Standards 001-14.1.3 and 001-15.1.2 permit transmission providers to post an available transfer capability change narrative within five business days of meeting the criteria under which a narrative is required to be posted. In Order No. 890, the Commission rejected calls for delays prior to posting data and required posting as soon as possible. We do not find the NAESB standard meets this criterion and therefore decline to incorporate Standards 001-14.1.3 and 001-15.1.2 by reference. Transmission providers must post their narratives as soon as feasibly possible. Posting within one day would appear in most cases to be reasonable.~~

[10] 72. However, we reiterate here the Commission's finding in Order No. 890 that a transmission provider is permitted to extend its right to reassess the availability of conditional firm service. Since the Version 002.1 Standards do not specifically address this issue, we would ask the industry, working through NAESB, to continue to look at additional business practice standards facilitating a transmission provider's extension of its right to perform a reassessment

[11] ~~105. We agree that insufficient progress has been made on this issue. While we acknowledge that development of standards addressing this issue is included in NAESB's 2009 WEQ Annual Plan, we nevertheless urge NAESB to address this issue as soon as possible. Accordingly, we request that NAESB provide the Commission with a status report concerning its progress on this issue every six months, counting from the date this final rule is published in the Federal Register, until NAESB's adoption of the applicable standard(s).~~

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PROVISIONAL ITEMS

1 Develop and or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy (NERC Project 2009-05 Resource Adequacy Assessments). NERC expects work on this project to start in third quarter 2014.

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)[12].

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[13] (Phase 2) in concert with NERC, which may include alternative congestion management procedures[4]. 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 - Phase 1).

5 Develop complementary standards that align with NERC Project 2008-01 Voltage and Reactive Planning and Control.~~, for which a~~A ~~white paper is expected after the~~ SAR was finalized in April 2011. NERC project is expected to begin in first quarter 2013.~~is authorized to proceed by the NERC Standards Committee.~~

6 Determine NAESB action needed to support FERC Action Plan for Smart Grid Technology.

7 Develop business practice standards for cap and trade programs for greenhouse gas.

8 Conduct assessment to determine if Electric Industry Requirements documented in WEQ-011 Gas / Electric Coordination should be considered reliability requirements and transition to NERC.

9 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.

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

11 Develop, modify or delete business practices to support Time Error, Automatic Generation Control (AGC), and Inadvertent Accounting (BAL-004, BAL-005, and BAL-006) resulting from the NERC field test under NERC project (NERC Project 2010-14.2 Phase 2 of Balancing Authority Reliability-based Controls: Time Error, AGC, and Inadvertent). NERC expects this project to start in second quarter 2013. The NERC project may impact WEQ-006 Manual Time Error Correction and WEQ-007 Inadvertent Interchange Payback.

~~12.~~ ~~Coordinate standards development with the NERC Balancing Authority Reliability Based Controls Standards Drafting Team (BARCSDT- created in July 2010) regarding DCS and AGC (BAL-002 and BAL-005) which may require changes to NAESB WEQ standards.~~

[12] 805. The Commission recognizes that developing methods to allocate capacity among requests received during a submittal window may require detailed procedures, particularly when transmission requests received simultaneously exceed available capacity. As the Commission explained in Order No. 890, however, we believe that each transmission provider is in the best position to develop allocation procedures that are suitable for its system. This does not preclude transmission providers from working through NAESB to develop standardized practices, as suggested by Southern. For example, as we pointed out in Order No. 890, allocation methods such as that used by PJM to allocate monthly firm point-to-point transmission service could provide useful guidance in developing general allocation procedures.

[13] Phase 2 of the Parallel Flow Visualization looks at developing options for and reporting of the most cost effective alternatives to achieve curtail obligations assigned during Phase 1."

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PROVISIONAL ITEMS

12 Develop complementary standards that align with NERC Project 2010-4 Demand Data. The NERC project may impact WEQ-015 Business Practices for Measurement and Verification of Wholesale Electricity Demand Response.

13 Coordinate with NERC on the functional model glossary revisions NERC Project 2010-08 Functional Glossary Model Revisions. NERC expects this project to start in fourth quarter 2014. The NERC project may impact WEQ-000 Abbreviations, Acronyms, and Definition of Terms.

14 Coordinate with NERC on NERC Project 2012-05 ATC Revisions - Order 729. NERC expects this project to start in third quarter 2014. The NERC project may impact the WEQ-001 Open Access Same-Time Information Systems (OASIS) Standards, WEQ-002 OASIS Standards and Communication Protocol (S&CP), WEQ-003 Open Access Same-Time Information Systems (OASIS) Data Dictionary, and WEQ-013 OASIS Implementation Guide.

15 Coordinate with NERC on NERC Project 2012-08 Glossary Updates. NERC has not established a start date for this project. The NERC project may impact WEQ-000 Abbreviations, Acronyms, and Definition of Terms

16 Coordinate with NERC on NERC Project 2012-09 IRO Review. NERC has not established a start date for this project. The NERC project may impact WEQ-008 Transmission Loading Relief – Eastern Interconnection Standards.

17 Coordinate with NERC on NERC Project 2012-15 Flow Limited Paths. NERC has not established a start date for this project. The NERC project may impact the WEQ-001 Open Access Same-Time Information Systems (OASIS) Standards, WEQ-002 OASIS Standards and Communication Protocol (S&CP), WEQ-003 Open Access Same-Time Information Systems (OASIS) Data Dictionary, and WEQ-013 OASIS Implementation Guide.

18 Review and develop standards as needed and requested based on the National Petroleum Council (NPC) findings as communicated by the NAESB Board of Directors, governmental agencies or reliability organizations, as applicable. (9-15-11 NPC Report: Transmittal Letter, Preface, and Executive Summary, Ch 1:Resource and Supply, Ch 2: Operations and Environment, Ch 3: Demand, Ch 4: Carbon and Other End-Use Emissions, Ch 5: Macroeconomics, Ap A: Request Letters, Description of the NPC, and NPC membership roster, Ap B: Study Group Rosters , Ap C: Additional Materials Available Electronically)~~link to NPC report~~)

19 Develop standards as needed based on FERC Order No. 1000. (NAESB Analysis of FERC Order No. 1000~~link to Order~~)

20 Develop standards as needed in support of Variable Energy Resources (VERs)~~S~~ final order (RM10-11-000). (NAESB Comments 3-2-11, FERC NOPR RM10-11-000)

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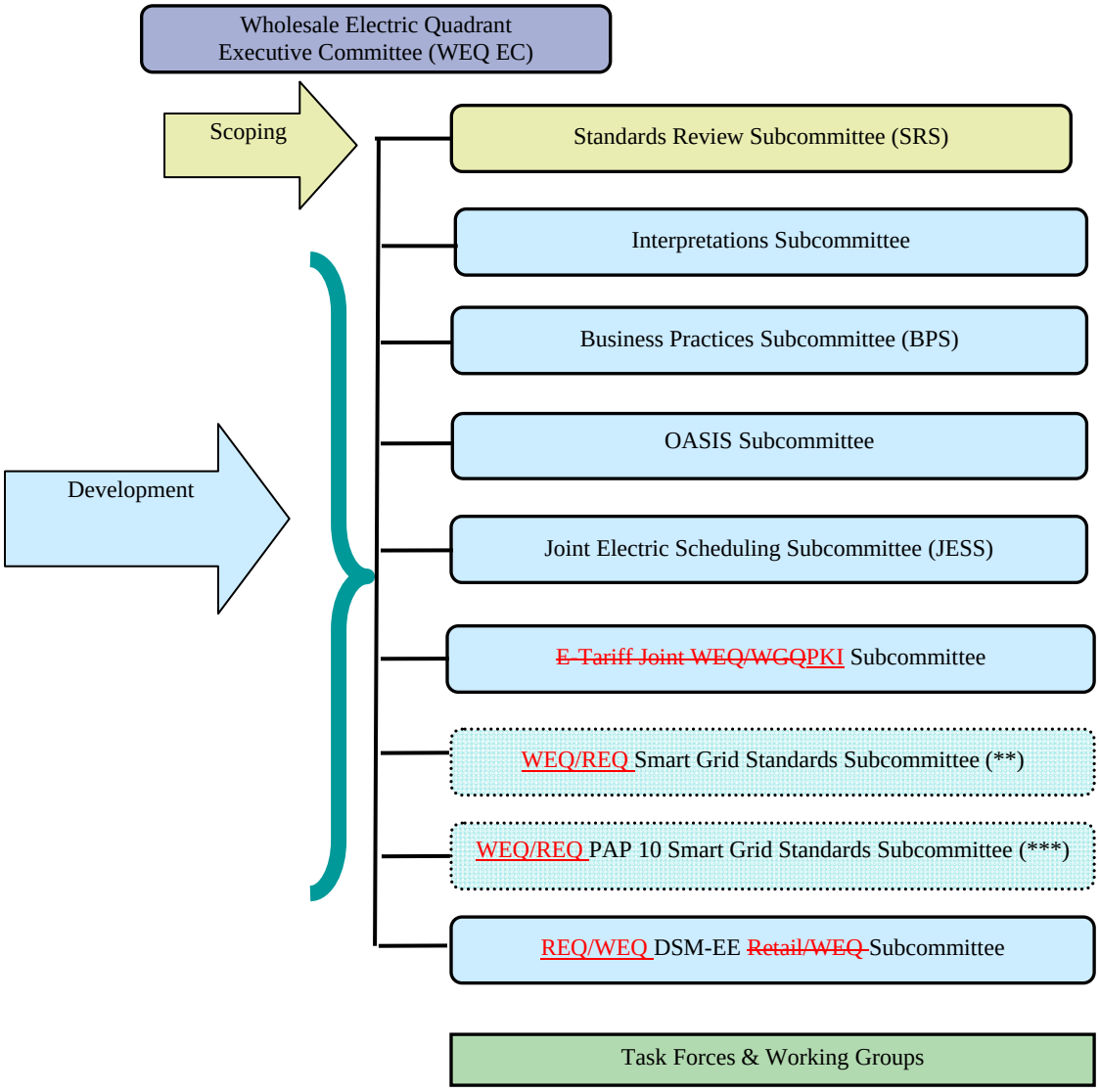
WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE



NAESB WEQ EC and Active Subcommittee Leadership:

Executive Committee (EC): Kathy York (Chair) and James Castle (Vice Chair)
Standards Review Subcommittee (SRS): Narinder Saini, Ed Skiba
Interpretations Subcommittee: Ed Skiba
Business Practices Subcommittee (BPS) & Time and Inadvertent Management Task Force (TIMTF): Ed Skiba , Narinder Saini
Open Access Same Time Information System (OASIS) Subcommittee (OS): Paul Sorenson, J.T. Wood, Alan Pritchard
Joint Electric Scheduling Subcommittee (JESS): Bob Harshbarger (NAESB), Clint Aymond (NERC)
~~e-Tariff Joint WEQ/WGQ Subcommittee (e-Tariff): Jane Daly (WEQ), Keith Sappenfield (WGQ)~~
Demand Side Management-Energy Efficiency (DSM-EE) REQ/WEQ Subcommittee: Ruth Kiselewich (Retail), Roy True and Paul Wattles (WEQ)

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Public Key Infrastructure (PKI) Subcommittee: Jim Buccigross

Inactive Subcommittees:

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

(**) The Smart Grid Standards Subcommittee 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 UCAIug, among others. Direction may be given from NIST, DoE or FERC and the group reports jointly to the NAESB Board Smart Grid Strategic Steering Committee and the WEQ and REQ ECs. The group is chaired by Joe Zhou, Wayne Longcore and Robert Burke.

(***) The PAP 10 Smart Grid Standards Subcommittee is a joint group of the retail electric and wholesale electric quadrants with other standards development groups such as OASIS, UCAIug, OpenADE, ZigBee, ASHRAE, EIS Alliance, NARUC and includes other groups. Direction may be given from NIST, DoE or FERC and the group reports jointly to the NAESB Board Smart Grid Strategic Steering Committee and the WEQ and REQECs. The group is chaired by Phil Precht, Cathy Wesley, Sharon Dinges, David Kaufman, Brad Ramsay, Tobin Richardson and Ed Koch.

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End Notes WEQ ~~2011~~ 2012 Annual Plan:

[1] 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.

[2] The assignments are abbreviated. The abbreviations and sub-committee structure can be found at the end of the annual plan document.

~~[3] 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.~~

[4] For additional information, please see comments submitted by PJM and Midwest ISO for this Annual Plan Item: http://www.naesb.org/pdf3/weq_aplan102907w1.pdf.

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	Item Description	Completion[1]	Assignment[2]
1	**Develop business practices standards as needed to complement reliability standards**		
	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 – Permanent Solution[1] Note: Consideration should be given to provisional item 4. Work is being coordinated with the NERC IDC Working Group. Status: Started	4th Q, 2011	BPS
b)	Perform consistency review of WEQ-008 Transmission Loading Relief Business Practice Standards and develop recommendation.[2]	2012	BPS
c)	Disturbance Control Standard (DCS) (BAL-002) Coordination with NERC Project 2010-14.1 Phase 1 of Balancing Authority Reliability-based Controls: Reserves Status: Monitor.	2013	BPS/TIMTF
d)	Coordinate with NERC on changes to the definition of Bulk Electric System NERC Project 2010-17 Definition of Bulk Electric System. Status: Started (Initial review performed to determine whether NAESB should adopt revised NERC definition or maintain existing definition. The decision was made to recommend adopting revised NERC definition and NERC is planning to complete its efforts by 1st Quarter 2012, upon which NAESB's efforts are contingent.)	2nd Q, 2012	SRS
2	**Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)[3]**		
a)	Develop version 2 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers. Status: Underway Request R050004 was expanded to include the Order No. 890 (Docket Nos.RM05-17-000 and RM02-25-000), (Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002), and Order No. 890-B (Docket Nos. RM05-17-03 and RM05-25-03) "Preventing Undue Discrimination and Preference in Transmission Services"		
i)	Group 3: Network Service On OASIS[4]		

[1] See AP Item 3.iv., Completion dates may be revisited contingent upon NERC-NAESB coordination of implementation related to parallel flow visualization

[2] In some sections of WEQ 008 it appears that the standards are applicable to all of the Interconnections and other it appears that the standards are only applicable to the Eastern Interconnection. The title indicates the standards are applicable to the Eastern Interconnection.

[3] FERC Order No. 890, issued February 16, 2007 can be accessed from the following link - http://www.naesb.org/doc_view4.asp?doc=ferc021607.doc

[4] Several group 3 items may be removed from this plan if the 4th quarter completion dates are met.

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	Item Description	Completion[1]	Assignment[2]
	1) Use of OASIS to Make Electronic Requests to Designate and Terminate Network Resource	4th Q, 2011	OASIS
	Status: Underway		
	2) Ability to Query Requests to Designate and Terminate Network Resources and Allow for Queries of All Information Provided with Designation Requests	4th Q, 2011	OASIS
	Status: Underway		
	3) Masking of Designated Network Resource Operating Restrictions and Generating Cost Information	4th Q, 2011	OASIS
	Status: Underway		
	4) Procedural Requirements for Submitting Designations over new OASIS Functionality	4th Q, 2011	OASIS
	Status: Underway		
	5) Specify How Designated Network Service Informational Postings are Posted on OASIS	4th Q, 2011	OASIS
	Status: Underway		
	6) Develop standards for the treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation	4th Q, 2011	OASIS
	Status: Underway		
	7) Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources	4th Q, 2011	OASIS
	Status: Underway		
	8) Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations	4th Q, 2011	OASIS
	Status: Underway		
ii)	Group 4: Pre-Emption; Request No. R05019		
	1) Pre-Emption	1st Q, 2012	OASIS
	Status: Started		
	2) Request No. R05019	1st Q, 2012	OASIS
	Status: Started		

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	Item Description	Completion[1]	Assignment[2]
iii)	Group 6: Miscellaneous (Paragraph 1627[5] of FERC Order No. 890)		
1)	Paragraphs 1627 of Order 890 – Posting of additional information on OASIS regarding firm transmission curtailments Status: Not Started	1st Q, 2012	OASIS
2)	Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services. Status: Not Started	1st Q, 2012	OASIS
b)	Develop the needed business practices to support existing Request No. R05004: 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	4th Q, 2011	OASIS
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**		
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 (R04006E). (Related to AP 2(a)(iii) and AP 2(a)(i)) Status: Underway.	4th Q, 2011	OASIS
ii)	Registry (TSIN): Determine and develop needed business practice standards to support the registry functions currently supported by NERC (R04037, R06027) and transition the TSIN Registry from NERC to NAESB as the enhanced Electric Industry Registry (EIR). Status: Underway.	1st Q, 2012	NAESB/NERC Administration, JESS

[5] Paragraph 1627 of FERC Order No. 890, issued February 16, 2007: We agree with suggestions for the posting of additional curtailment information on OASIS and, therefore, require transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards. These postings must include all circumstances and events contributing to the need for a firm service curtailment, specific services and customers curtailed (including the transmission provider's own retail loads), and the duration of the curtailment. This information is in addition to the Commission's existing requirements: (1) when any transmission is curtailed or interrupted, the transmission provider must post notice of the curtailment or interruption on OASIS, and the transmission provider must state on OASIS the reason why the transaction could not be continued or completed; (2) information to support any such curtailment or interruption, including the operating status of facilities involved in the constraint or interruption, must be maintained for three years and made available upon request to the curtailed or interrupted customer, the Commission's Staff, and any other person who requests it; and, (3) any offer to adjust the operation of the transmission provider's system to restore a curtailed or interrupted transaction must be posted and made available to all curtailed and interrupted transmission customers at the same time.

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	Item Description	Completion[1]	Assignment[2]
iii)	Make remaining incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS (R05026). Scoping statement completed by SRS. There were a number of assignments from the Standards Request. The outstanding items are included below:		
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	2012	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)	2012	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)	2012	OASIS
iv)	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.[6] Status: Underway. Completion date dependent upon coordination activities with NERC, and Project 2008-12 is delayed by NERC due to other higher priority development. It is expected that NERC will begin its effort in 2nd Q 2013.	2014	JESS
4.	Develop and/or maintain standard communication protocols and cyber-security business practices as needed.		
a)	Develop PKI standards for OASIS. Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	2012	PKI
b)	Develop Industry Implementation Plan for meeting PKI Standard requirements for e-tagging. Status: Underway. Full e-Tag implementation (server & client side) is linked to the transition of the Registry from NERC to NAESB and NAESB implementation.	TBD – dependent on item above (i) and EIR	PKI
c)	Develop modifications for WEQ-012 as needed to reflect current market conditions		

[6] See AP Item 1.a.iv, Completion dates may be revisited contingent upon NERC-NAESB coordination of implementation related to parallel flow visualization.

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		Item Description	Completion[1]	Assignment[2]
	i)	Authorized Certification Authority Standard and Credentialing Practice (R11014) Status: Underway	TBD	PKI
	ii)	Technology Review and Upgrade for NAESB Public Key Infrastructure Standard WEQ-012 (R11015). Status: Underway	TBD	PKI
	iii)	Review and develop standards as needed to support adequate session encryption (SSL/TLS issues: US-Cert Vulnerability Note VU#864643) Status: Not Started	TBD	PKI
5		**Maintain existing body of Version 2.x standards**		
	a)	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) Status: Started	1st Q, 2012	OASIS
	b)	Correct WEQ 013-2.6.7.2. – Resale off OASIS (R08027) Status: Not Started	TBD	OASIS
	c)	Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 (R09003) Status: Started	1st Q, 2012	OASIS
	d)	Create a new OASIS mechanism that allows for the merger of like reservations without the use of the resale mechanism (R09015) Status: Not Started	TBD	OASIS
	e)	Develop standards to support crediting redirect requests with the capacity of the parent reservation (BPA Comments) Status: Not Started	TBD	OASIS
6.		**Develop Smart Grid Wholesale and Retail Electric Standards -** 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 standards to support PAP 10 – Standards Energy Usage Information, Phase 2, Harmonization with CIM and SEP 2.0 Status: Not Started, pending discussions with CIM and SEP 2.0	1st Q, 2012	Joint WEQ/REQ PAP 10 SGS Subcommittee
7.		**Develop or modify standards to Support FERC Order No. 676-E, (Docket No. RM 05-5-013)**		
	a)	Develop standards to support the Transmission Provider right to reassess the availability of conditional firm (See ¶ 72[7]) Status: Started	4th Q, 2011	OASIS

[7] 72. However, we reiterate here the Commission's finding in Order No. 890 that a transmission provider is permitted to extend its right to reassess the availability of conditional firm service. Since the Version 002.1 Standards do not specifically address this issue, we would ask the industry, working through NAESB, to continue to look at additional business practice standards facilitating a transmission provider's extension of its right to perform a reassessment

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PROVISIONAL ITEMS

1 Develop and or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy (NERC Project 2009-05 Resource Adequacy Assessments). NERC expects work on this project to start in third quarter 2014.

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)[8].

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[9] (Phase 2) in concert with NERC, which may include alternative congestion management procedures[3]. 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 - Phase 1).

5 Develop complementary standards that align with NERC Project 2008-01 Voltage and Reactive Planning and Control. A SAR was finalized in April 2011. NERC project is expected to begin in first quarter 2013.

6 Determine NAESB action needed to support FERC Action Plan for Smart Grid Technology.

7 Develop business practice standards for cap and trade programs for greenhouse gas.

8 Conduct assessment to determine if Electric Industry Requirements documented in WEQ-011 Gas / Electric Coordination should be considered reliability requirements and transition to NERC.

9 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.

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

11 Develop, modify or delete business practices to support Time Error, Automatic Generation Control (AGC), and Inadvertent Accounting (BAL-004, BAL-005, and BAL-006) resulting from the NERC field test under NERC project (NERC Project 2010-14.2 Phase 2 of Balancing Authority Reliability-based Controls: Time Error, AGC, and Inadvertent). NERC expects this project to start in second quarter 2013. The NERC project may impact WEQ-006 Manual Time Error Correction and WEQ-007 Inadvertent Interchange Payback.

12 Develop complementary standards that align with NERC Project 2010-4 Demand Data. The NERC project may impact WEQ-015 Business Practices for Measurement and Verification of Wholesale Electricity Demand Response.

13 Coordinate with NERC on the functional model glossary revisions NERC Project 2010-08 Functional Glossary Model Revisions. NERC expects this project to start in fourth quarter 2014. The NERC project may impact WEQ-000 Abbreviations, Acronyms, and Definition of Terms.

[8] 805. The Commission recognizes that developing methods to allocate capacity among requests received during a submittal window may require detailed procedures, particularly when transmission requests received simultaneously exceed available capacity. As the Commission explained in Order No. 890, however, we believe that each transmission provider is in the best position to develop allocation procedures that are suitable for its system. This does not preclude transmission providers from working through NAESB to develop standardized practices, as suggested by Southern. For example, as we pointed out in Order No. 890, allocation methods such as that used by PJM to allocate monthly firm point-to-point transmission service could provide useful guidance in developing general allocation procedures.

[9] Phase 2 of the Parallel Flow Visualization looks at developing options for and reporting of the most cost effective alternatives to achieve curtail obligations assigned during Phase 1."

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PROVISIONAL ITEMS

14 Coordinate with NERC on NERC Project 2012-05 ATC Revisions - Order 729. NERC expects this project to start in third quarter 2014. The NERC project may impact the WEQ-001 Open Access Same-Time Information Systems (OASIS) Standards, WEQ-002 OASIS Standards and Communication Protocol (S&CP), WEQ-003 Open Access Same-Time Information Systems (OASIS) Data Dictionary, and WEQ-013 OASIS Implementation Guide.

15 Coordinate with NERC on NERC Project 2012-08 Glossary Updates. NERC has not established a start date for this project. The NERC project may impact WEQ-000 Abbreviations, Acronyms, and Definition of Terms

16 Coordinate with NERC on NERC Project 2012-09 IRO Review. NERC has not established a start date for this project. The NERC project may impact WEQ-008 Transmission Loading Relief – Eastern Interconnection Standards.

17 Coordinate with NERC on NERC Project 2012-15 Flow Limited Paths. NERC has not established a start date for this project. The NERC project may impact the WEQ-001 Open Access Same-Time Information Systems (OASIS) Standards, WEQ-002 OASIS Standards and Communication Protocol (S&CP), WEQ-003 Open Access Same-Time Information Systems (OASIS) Data Dictionary, and WEQ-013 OASIS Implementation Guide.

18 Review and develop standards as needed and requested based on the National Petroleum Council (NPC) findings as communicated by the NAESB Board of Directors, government agencies or reliability organizations, as applicable. (9-15-11 NPC Report: Transmittal Letter, Preface, and Executive Summary, Ch 1:Resource and Supply, Ch 2: Operations and Environment, Ch 3: Demand, Ch 4: Carbon and Other End-Use Emissions, Ch 5: Macroeconomics, Ap A: Request Letters, Description of the NPC, and NPC membership roster, Ap B: Study Group Rosters , Ap C: Additional Materials Available Electronically)

19 Develop standards as needed based on FERC Order No. 1000. (NAESB Analysis of FERC Order No. 1000)

20 Develop standards as needed in support of Variable Energy Resources (VERs) final order (RM10-11-000). (NAESB Comments 3-2-11, FERC NOPR RM10-11-000)

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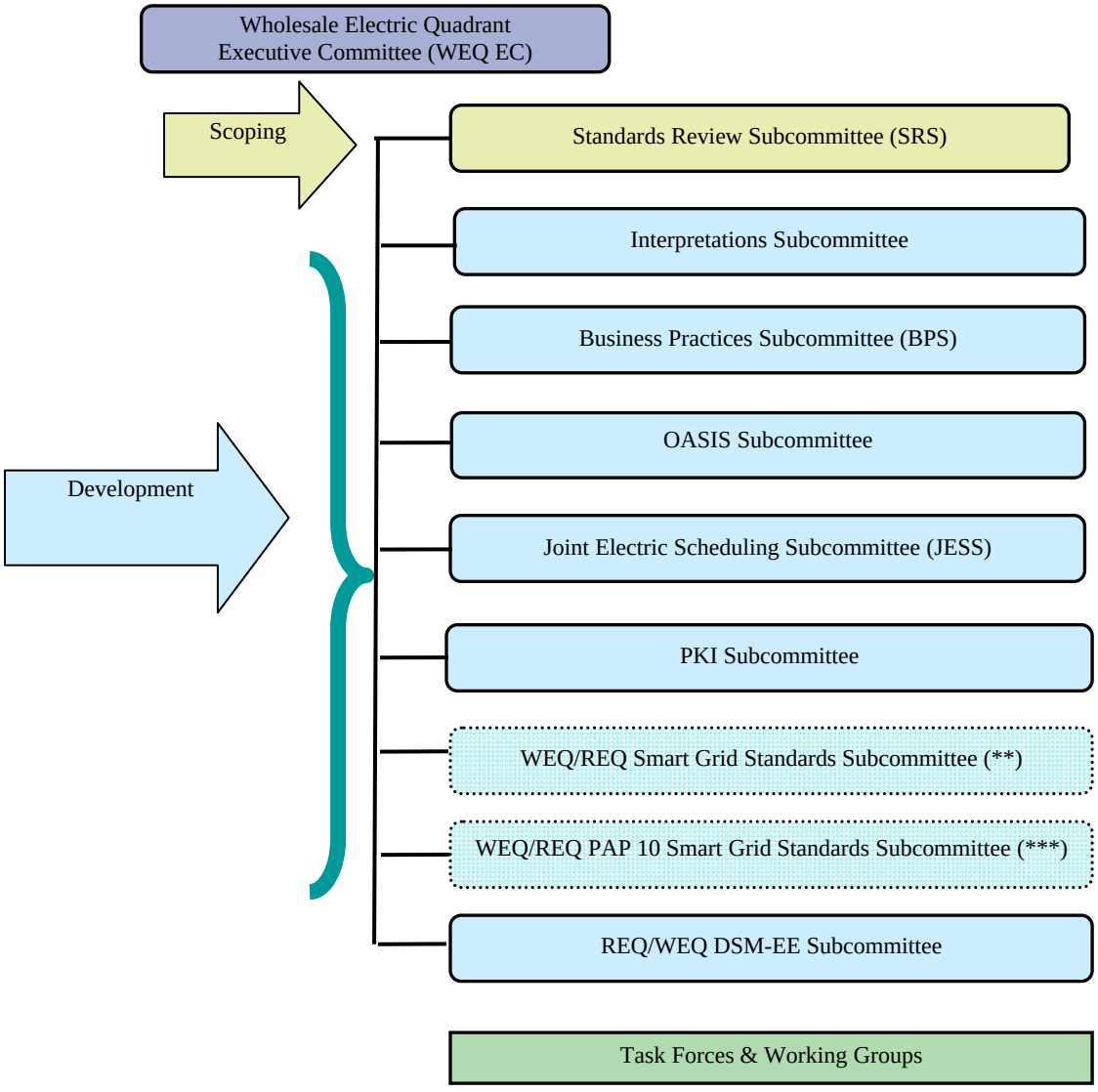
WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE



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[3] For additional information, please see comments submitted by PJM and Midwest ISO for this Annual Plan Item: http://www.naesb.org/pdf3/weq_aplan102907w1.pdf.

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October 16, 2011

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 –September 22, 2011

NAESB BOARD OF DIRECTORS MEETING & MEETING OF THE MEMBERS
Four Seasons Hotel, Houston, Texas
Thursday, September 22, 2011 – 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. She opened the Board meeting and noted it was also serving as the meeting of the members. Ms. Cummings provided the antitrust guidance and called the roll of the NAESB Board members. Quorum was established.

2. Adoption of the Agenda and Minutes

Mr. Hurley moved, seconded by Mr. Young, to approve the consent agenda. The motion passed unanimously.

3. Membership and Financial Report

Membership Report: Ms. McQuade reviewed the membership report. She noted that while NAESB lost some members this year, the Retail Electric Quadrant has gained members due to Smart Grid, Energy Efficiency and Demand Response.

Financial Report: Ms. Wishart provided the financial report. NAESB anticipates being able to provide net income to the retained earnings to continue to reduce the negative retained earnings through the end of the year.

4. Reports from Board Committees

Resources: Mr. Booe provided the report of the Resources Committee. He stated that NAESB had a net loss of three members. While members have been lost, more companies are requesting home page access. There are vacancies in all quadrants for both Board and Executive Committee seats, which provides an opportunity to recruit new members.

Critical Infrastructure Committee: Mr. Hurley provided an update of the activities of the Critical Infrastructure Committee. He noted that several Authorized Certificate Authorities (ACAs) that service the industry have been hacked and had their certificates revoked. He also noted that a group of Argentinian information security researches planned to disclose in a hacker conference a vulnerability of secure sockets layer protocol (SSL). This allows hackers to decrypt information sent across what should be a secure transaction. Due to time limitations, a Board Update conference call has been scheduled for Friday, October 7 at 9:30 am Central to further discuss this issue.

Retail Restructuring Update: Mr. Minneman provided the update for the Retail Restructuring Committee. Membership has increased in the Retail Electric Quadrant (REQ) due to the energy efficiency and Smart Grid efforts. The Retail Gas Quadrant (RGQ) membership, however, has remained low. The activities that led to the increase in the REQ are not as relevant to the RGQ. The committee continues to discuss ways in which to increase RGQ membership.

Parliamentary Committee: Ms. Crockett noted that she would schedule a conference call to close out the remaining Parliamentary Committee items and report back at the next Board meeting.

Certification Committee: Mr. Spangler provided the update of the Certification Committee. The committee met nine times since April to discuss the requirements to become an ACA for the Public Key Infrastructure standards

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(WEQ-012). The committee updated the certification program for the ACAs. He noted that it was not the responsibility of the Certification Committee to establish the technical requirements for the WEQ-012 standards, which would be addressed by the NAESB WEQ PKI Subcommittee. This document may require further changes as a result of the PKI Subcommittee work. Mr. Spangler moved, seconded by Mr. Kirby, to approve the Certification Committee document on the ACA requirements. The motion unanimously passed a simple majority vote.

Gas-Electric Coordinating Committee: This subcommittee has not begun to meet. Several Board members have expressed interest but NAESB is awaiting further FERC and National Petroleum Council direction prior to activating the committee. The NPC report was released on September 15, 2011.

Managing Committee: Ms. Crockett noted that the Managing Committee met in August to discuss staff performance and compensation and a new item from the WEQ EC meeting, asking for clarification on the scope of a specific request which was resolved.

5. Updates on Specific Efforts

Publications: Ms. Rager provided an update of the NAESB publication schedule. The next WGQ publication, Version 2.1, will occur in July of 2012. The WEQ Version 3.0 is scheduled to be published in the first or second quarter of 2012. The Retail Version 2.0 will be published in April, 2012.

WEQ, Update on FERC Order No. 890 efforts: Ms. York provided an update on the FERC Order No. 890 efforts. The recommendation for Service Across Multiple Transmission Systems (SAMTS) was approved by the Executive Committee on June 30th and ratified by the membership. The OASIS Subcommittee has focused its efforts on incorporating informal comments received by industry into a final recommendation for Network Integrated Transmission Service (NITS) with plans to complete the work by end of this quarter and release it for a 60-day formal comment period. The EC voted to approve an extended comment period due to the complexity and volumes of documentation associated with these standards. The package will not only include the recommendation but 5 additional documents including:

- Revisions to the Glossary in WEQ-000
- Revisions to WEQ-001 – OASIS Business Standards
- Revisions to WEQ-002 – OASIS S&CPs,
- Revisions to WEQ-003 – OASIS Data Dictionary, and
- Revisions to WEQ-013 - the Implementation Guide.

The subcommittee will also host another industry technical conference to help participants understand the new changes and allow for clarifying questions. The conference will be scheduled approximately 14-20 days into the comment period so as to allow participants time to read over the standards first.

WEQ/Retail Electric, Update on Demand Response and Demand Side Management: Since the last Board meeting, there has been no activity in the Wholesale Demand Response or Energy Efficiency work groups.

The Retail Demand Response work group continues to address R10002, enrollment in a demand response program. The work group expanded the scope to include account information change and drops.

The Retail Energy Efficiency work group continues to work on its recommendation. An informal comment period was held from July 25 to August 3 for feedback on the recommendation. During the August 22 work group meeting, participants reviewed the comments submitted by ISO New England to eliminate the term evaluation because it implies subjectivity that is inconsistent with business practices used by the industry. This inconsistency between the wholesale and retail recommendations could be a significant problem given that there are two wholesale markets that accept retail energy efficiency into wholesale capacity markets. Also, the recommendation appears to be exclusive to state regulated energy efficiency, but there is significant energy efficiency conducted by merchants that are outside state jurisdiction. These businesses operate in the retail space and would benefit from model business practices that create level operative procedures. To address these concerns, the Retail Energy Efficiency work group agreed to map between the two documents (Retail and Wholesale recommendations). The work group began with the wholesale recommendation and looked for ways that the current draft of the retail recommendation

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could be included into the wholesale format. This work should be completed in mid-October, with the next Retail Energy Efficiency work group meeting to be held in early November.

RFP Status for the Electric Industry Registry: Ms. Cummings provided the update. NAESB and OATI continue to work closely to transfer the TSIN registry from NERC to NAESB. OATI has completed the functional specifications, which was approved by both NERC and NAESB, and work has begun on the development of the new webRegistry.

Smart Grid Activities: Mr. Booe provided the update. The REQ.22 Data Privacy standard (third party access to smart meter-based information) was ratified on August 8, 2011 and is the first final action that will be incorporated into the next REQ publication. The development of the standard included the participation of many state commission staff members and had the strong support of NARUC. During the summer NARUC meeting in Los Angeles on July 20, 2011, several of the Committees adopted a Smart Grid Principles resolution that identified the NAESB Data Privacy Standard as a good reference point for commissions considering rules related to data access by consumers. The NAESB office has been asked to include it on the ANSI portal (the ANSI portal is site maintained by ANSI that makes requested standards available to a limited number of individuals that have an interest in reviewing a standard – such as the SGIP architecture or testing and certification committee members). The standard has not been submitted for consideration as part of the catalog of standards as of today but may be in the future.

The Energy Services Provider Interface Standard (REQ.21) was approved by the REQ EC on September 15, 2011 following a requested review by the REQ Technical Electronic Implementation Subcommittee (TEIS) and the ESPI Task Force. The approved recommendation has been posted for ratification and will become a final action on October 17, 2011. Like the Data Privacy standard, there have been several inquiries from SGIP groups interested in reviewing the standard. Recently, Aneesh Chopra, the US Chief Technology Officer (CTO) to the Executive Office and the Office of Science and Technology Policy requested the standard and had several questions about its finalization. The following Monday, Chris Irwin, with the Department of Energy, contacted Mr. Booe to request the standard and to inform NAESB that he and Mr. Chopra will be visiting the three largest utilities in California to discuss their smart grid deployments and the potential for implementation of the ESPI standard. Mr. Booe told both Mr. Irwin and Mr. Sinai with the Office of Science and Technology that NAESB would support their efforts in any way they see fit.

The co-chairs of the Smart Grid Standards Subcommittee on Priority Action Plan 10 have scheduled a conference call for October 5 to review the NAESB Priority Action Plan 10 standards and Energy Usage Information Model for consistency with the recent modifications to the IEC CIM (61968), Smart Energy Profile 2.0 and the development of SPC 201 by ASHRAE. During the conference call the subcommittee will determine if the standards or the Energy Usage Information Model should be modified and set up additional subcommittee meetings if needed.

Update on Parallel Flow Visualization: This update was skipped in the interest of time for the Strategic Review Panel.

Update on Common Codes: This update was skipped in the interest of time for the Strategic Review Panel.

Update on streamlining WGQ standards: This update was skipped in the interest of time for the Strategic Review Panel.

Update on development of WGQ Gas Contract: This update was skipped in the interest of time for the Strategic Review Panel.

Update on 2012 Annual Planning Activities: This update was skipped in the interest of time for the Strategic Review Panel.

6. Implications of Federal Law and Policy for the Shale Gas Industry

Ms. Hollis provided the update. She discussed the implications of federal law and policy for the shale gas industry. She noted the various governmental agencies and departments involved in this effort. She stated that public opinion on shale gas has been impacted by media, in particular the Gaslands documentary. Based on that movie, France

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banned hydraulic fracturing. With the United States government relying more heavily on natural gas for the national energy supply, there has been heavy debate on the amount of regulation necessary for the extraction shale gas because its importance is clear. By 2035 it is predicted that 50% of the total gas supply could come from shale gas and 70% of the states have shale gas opportunities. The Environmental Protection Agency (EPA) has studied the potential impacts of hydraulic fracturing on drinking water resources under a variety of circumstances. The interim study is due to be issued at the end of 2012, with the final report completed in 2014, but there is concern that the study is too slow to be relevant.

7. Strategic Review and Input from Panel - Michelle Foss, Sheila Hollis, Annabelle Lee, Joelle Ogg, Kathleen Magruder, Sue Tierney and Rick Smead

The purpose of the panel is to identify areas where NAESB standards development may be beneficial to the industries.

First, Ms. Foss provided her insight. She followed Ms. Hollis' presentation on shale gas, explaining that several Texas, New York and Pennsylvania schools are updating their petroleum engineering programs to include shale gas. She agreed that the use of shale gas will increase, contingent upon its commerciality. She also noted the National Petroleum Council (NPC) report. She noted that it is difficult to accommodate many different generation sources on the grid. The source of generation and the economics of the different sources are so varied that regional advantages should not be ignored. She suggested that NAESB members not forget the big picture of the electric power grid, its sources and the different incentive structures of those sources.

Ms. Tierney followed up on both Ms. Hollis and Ms. Foss' discussions. She supported the NPC recommendation of industry-led, regionally based "councils of excellence" and noted that NAESB had the potential to provide the process for them. She also noted that the report described issues related to the integration of gas and electricity and suggested that NAESB could bring the appropriate people together to discuss that issue.

Mr. Smead noted the trouble with comparing resource estimates across the industry and suggested that some commonality would be beneficial. He also suggested that NAESB could be involved in creating common language for shale and resource-related issues. He agreed with Ms. Tierney that NAESB could address gas, electric and intermittent renewables interactions.

Ms. Ogg noted that there is currently a large emphasis on information, which includes reporting, oversight and monitoring by more agencies. She suggested that NAESB could be involved in developing communication protocols.

Ms. Lee focused her comments on smart grid and cyber security efforts. She suggested that NAESB could put together practical guidance material on cyber security. She noted that standards are detailed specifications used in specific domains for specific communications. In cyber security, it is important that the entire system is included, not a single interface or subsystem. There are also concerns with the data collected in the smart grid. How will utilities analyze information that is collected every 15 minutes? How will this information be stored? Utilities in multiple states must follow multiple sets of laws related to a potential breach of private information. There should be a prioritization of critical systems because organizations do not have unlimited resources. She also noted the importance of coordinating internationally to address cyber security issues.

Mr. Pena provided an update on the energy safety institute that was discussed at the last Board of Directors meeting. He noted that, with the system safety approach, NAESB should consider starting a conversation on how system safety standards may be applicable to shale gas. NAESB could also demonstrate how, through model business practices, implementation can be done quickly.

Ms. Magruder noted that potential regulations would only serve to make energy less available and more expensive. She suggested that NAESB take on an educational program to explain how gas, gasoline, coal-fired generation and renewable generation all work to give the United States an abundant supply of energy to keep people healthy and safe. She noted that a common glossary could be helpful, too. She also noted that, under Dodd-Frank, companies that operate coal must make detailed disclosures on their safety records and reports on all payments made for each project to either the United States or foreign governments. NAESB may be able to help standardize some of these

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terms and also foster communication internationally. She also suggested that retail gas and electric providers standardize how to sign up with utilities.

Ms. Hollis noted that the United States has the resources and a massive infrastructure, as well as a large labor supply. She encouraged NAESB to develop the model to bring together some of the disparate goals discussed today.

8. Old and New Business

No other business was discussed.

9. Adjourn

The meeting adjourned at 12:28 pm Central.

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10. Board Attendance and Voting Record (Vacancies Omitted)

WGQ PRODUCERS SEGMENT		**ATTENDANCE**
Richard D. Smith	Regulatory & Compliance Manager, Noble Energy Inc.	
Mark Stultz	Vice President – Policy and Regulatory Affairs, US America Gas and Power, BP Energy Company	
Keith Sappenfield	Regional Director – US Regulatory Affairs, EnCana Oil & Gas (USA), Inc.	In Person
Randy E. Parker	Global Regulatory Advisor, ExxonMobil Gas and Power Marketing Company	
Catherine Abercrombie	Regulatory Affairs, ConocoPhillips Gas and Power Marketing	In Person
WGQ PIPELINE SEGMENT		
Douglas Field	Manager – Compliance, Southern Star Ventral Gas Pipeline	In Person
Bill Grygar	Vice President, Panhandle Eastern Pipe Line	In Person
Susanna B. Barry	Vice President – Commercial Operations, Tennessee Gas Pipeline Company	In Person
Randy Young	Vice President – Regulatory Compliance and Corporate Services, Boardwalk Pipeline Partners, LP	In Person
Richard Kruse	Senior Vice President, Spectra Energy Transmission	In Person
WGQ LOCAL DISTRIBUTION COMPANY (LDC) SEGMENT		
Craig Colombo	Energy Trader III, Dominion Resources	
Tim Sherwood	Managing Director of Gas Operations and Capacity Planning, AGL Resources	
David W. Hadley	Senior Vice President – Regulatory Affairs, NiSource, Inc.	
WGQ END USERS SEGMENT		
Valerie Crockett	Senior Program Manager – Energy Markets & Policy, 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 Company	Phone
Lori-Lynn C. Pennock	Senior Fuel Supply Analyst, Salt River Project	In Person
Jim Templeton	Principal, Comprehensive Energy Services	
WGQ SERVICES SEGMENT		
Darilyn Jones	Senior Vice President – Risk Control, Sequent Energy Management	In Person
Rusty Braziel	Managing Director, Bentek Energy, LLC	
Marty Patterson	Senior Vice President Commercial Services, American Midstream Partners, LP	
Paul Kahler	Midstream Regulatory Advisor, Cenovus Energy Inc.	
Jeff Miers	Senior Executive (Partner), Accenture LLP	

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REQ SERVICE PROVIDERS/SUPPLIERS SEGMENT			
Wendell Miyaji	Senior Director – Systems, Comverge, Inc.		
Jim Minneman	Controller, PPL Solutions LLC		In Person
J Cade Burks	Executive Vice President of ista		
Austin Morris	Managing Partner – Energy, SunGard Consulting Services, LLC		In Person
REQ UTILITIES SEGMENT			
Brandon Stites	Director – Energy Conservation & Advanced Metering, Dominion Virginia Power		In Person
Dennis Derricks	Director Regulatory Policy and Analysis, Wisconsin Public Service Corporation		
Ruth Kiselewich	Director – Demand Side Management Programs, Baltimore Gas & Electric Company		Phone
Debbie McKeever	Market Advocate, Oncor		In Person
REQ END USERS/PUBLIC AGENCIES SEGMENT			
Kevin Cooney	Managing Director – Energy, Navigant Consulting, Inc.		
James P. Cargas	Senior Assistant City Attorney, City of Houston		Phone
WEQ TRANSMISSION SEGMENT		**SUBSEGMENT**	
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
Terry Coggins	Manager – Transmission Policy, Southern Company Transmission	IOU	
Mike Montoya	Director of Grid Advancement, Southern California Edison	at large	
Edward J. Davis	Policy Consultant, Entergy Services, Inc.	at large	In Person
WEQ GENERATION SEGMENT			
Douglas L. Curry	Administrator and CEO, Lincoln Electric System	Muni/Coop	
Kathy York	Senior Program Manager – Energy Markets, Policy and Compliance Reporting, Tennessee Valley Authority	Fed/State/Prov.	In Person
Lou Oberski	Director – Electric Market Policy, Dominion Resources Services, Inc.	IOU	Phone
Wayne Moore	Regulatory Affairs & Energy Policy Director and Compliance Officer – Generation, Southern Company Services, Inc.	IOU	In Person
Elizabeth Killinger	Senior Vice President – Customer Operations, NRG Energy, Inc.	at large	
Joe Hartsoe	Managing Director – Federal Policy, American Electric Power Service Corp.	at large	Phone
Shah Hossain	Senior Regulatory Specialist, Westar Energy, Inc.	at large	In Person

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10. Board Attendance and Voting Record (Vacancies Omitted)

WEQ MARKETERS/BROKERS SEGMENT			
Roy True	Manager of Regulatory and Market Affairs, 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.	
Jim Drake	Trading Desk Head – Power, Florida Power & Light	IOU	In Person
R. Scott Brown	Vice President and Director, Exelon Generation Power Team	IOU	
WEQ DISTRIBUTION/LOAD SERVING ENTITIES (LSE) SEGMENT			
Arthur G. Fusco	Vice President and General Counsel, Central Electric Power Cooperative Inc.	Muni/Coop	Phone
Paul McCurley	Manager – Power Supply, National Rural Electric Cooperative Association	Muni/Coop	In Person
Andrew Rodriquez	Director of Standards Development, North American Electric reliability Corporation (NERC	IOU	Phone
Nelson Peeler	Vice President System Operations, Duke Energy	IOU	Phone
Bruce Ellsworth	New York State Reliability Council	At-Large	In Person
WEQ END USERS SEGMENT			
Jesse D. Hurley	Chief Executive Officer, Shift Research, LLC	at large	In Person
Aaron Breidenbaugh	Senior Manager – Regulatory Affairs and Public Policy – New York, EnerNOC, Inc.	at large	
Thomas G. Dvorsky	Director of the Office of Electricity, Gas, and Water at the New York State Department of Public Service, rep. National Association of Regulatory Utility Commissioners	Regulator	
Marie Pieniazek	Consultant, Rep: Energy Curtailment Specialists, Inc.	at large	
Michehl Gent	Open Access Technology International, Inc.	At-Large	In Person
WEQ INDEPENDENT GRID OPERATORS/PLANNERS			
Michael Desselle	Vice President Process Integrity, Southwest Power Pool		Phone
Michael Cleary	Senior Vice President and COO, ERCOT		
Kevin Kirby	Vice President Market Operations, ISO New England, Inc.		In Person
Rana Mukerji	Vice President Market Structures, New York Independent System Operator, Inc. (NYISO)		
Andy Ott	Senior Vice President Marketing, PJM Interconnection, LLC		
Bill Phillips	Vice President Standards Compliance & Strategy, Midwest ISO (MISO)		In Person
Mark Wilson	Director of Corporate Planning, Independent Electricity System Operator (IESO)		Phone

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10. Board Attendance and Voting Record (Vacancies Omitted)

WEQ TECHNOLOGY AND SERVICES		
Jim Buccigross	Vice President Energy Industry Practice, 8760 Inc.	In Person
Laurent M. Liscia	Executive Director, Organization for the Advancement of Structured Information Standards (OASIS)	
David A. Wollman	Leader, Smart Grid Team – Standards and Electrical Metrology Groups, National Institute of Standards and Technology (NIST)	Phone
Sylvia Munson	Director – Product Management and Regulatory Compliance, SunGard Energy and Commodities	In Person
Dr. Scott Coe	Vice President, Utility Integration Solutions, Inc. (UISOL)	In Person
RGQ SERVICE PROVIDERS/SUPPLIERS SEGMENT		
Leigh Spangler	President, Latitude Technologies Inc.	In Person
Joseph Monroe	Vice President – External Affairs, SouthStar Energy Services, LLC	
Dave Darnell	President & CEO, Systrends USA	Phone
Greg Lander	President, Capacity Center	
RGQ DISTRIBUTORS SEGMENT		
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.	
Mike Novak	Assistant General Manager – Federal Regulatory Affairs, National Fuel Gas Distribution	Phone
RGQ END USERS/PUBLIC AGENCIES SEGMENT		

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13. Other Attendance

Name	Organization	Attendance
Jonathan Booe	NAESB	In Person
Bill Boswell	NAESB	In Person
Dick Brooks	ISO New England	In Person
Pete Connor	NiSource	Phone
Cory Cummings	NAESB	In Person
Dale Davis	Williams Gas Pipeline	In Person
Michelle Foss	University of Texas	In Person
Sheila Hollis	Duane Morris	In Person
Annabelle Lee	EPRI	In Person
Kathleen Magruder	Brown McCarroll	In Person
Rae McQuade	NAESB	In Person
Susan Munson	ERCOT	In Person
Joelle Ogg	DC Energy	In Person
Emil Pena	Energy and Environmental Systems Institute	In Person
Phil Precht	BGE	Phone
Denise Rager	NAESB	In Person
Lisa Simpkins	Constellation Energy Resources	Phone
Narinder Saini	Entergy	Phone
Ed Skiba	Midwest ISO	In Person
Rick Smead	Navigant Consulting	Phone
Dave Taylor	NERC	Phone
Veronica Thomason	NAESB	In Person
Sue Tierney	Analysis Group	Phone
Ron Tomlinson	Dominion Transmission	In Person
Kim Van Pelt	PEPL	In Person
Jill Vaughn	Preferred Legal Services	In Person
Darla Wishart	NAESB	In Person

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TO: Kathy York, Chairman of the Wholesale Electric Quadrant Executive Committee

FROM: Rae McQuade on behalf of the Managing Committee

RE: Request for Managing Committee Guidance

DATE: August 26, 2011

Dear Ms. York –

The NAESB Managing Committee met via conference call and in person in Colorado Springs on August 19, 2011 to consider the Wholesale Electric Quadrant Executive Committee request regarding whether two tiered curtailment was within NAESB's scope. For background documentation on whether the two-tiered curtailment function within the hybrid option for parallel flow visualization was to be considered within the scope of NAESB, the documents provided to the Managing Committee were the same documents included in the assembled book for the August 16 WEQ EC meeting[1] – namely, the request itself, the background document, the description of two-tiered curtailment, and the two position papers. The certificate, bylaws and NAESB operating practices were also provided for reference. After considering the materials, and being provided a description by Ms. Crockett and Ms. McQuade regarding the WEQ EC meeting proceedings, the Managing Committee prepared and unanimously endorsed the attached response.

With Best Regards,

Rae

Rae McQuade, President, NAESB

cc: NAESB Managing Committee

[1] The documents can be accessed from the NAESB website and can also be accessed from the following links: Request - http://www.naesb.org/pdf4/weq_ec081611w4.pdf, background - http://www.naesb.org/pdf4/weq_ec081611w5.doc , description - http://www.naesb.org/pdf4/weq_ec081611w6.doc, position paper 1 - http://www.naesb.org/pdf4/weq_ec081611w7.doc , position paper 2 - http://www.naesb.org/pdf4/weq_ec081611w8.doc.

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Managing Committee Response Regarding Whether Two Tiered Curtailment is Within NAESB's Scope

August 19, 2011

The Managing Committee met today to discuss the scope determination question forwarded by the Wholesale Electric Quadrant Executive Committee. We reviewed all of the materials provided in explanation if the inquiry, and discussed it in detail. We likewise considered the references to FERC policy and policy determinations that were raised in the materials. Our unanimous opinion follows:

1) The matter assigned to the subcommittee by the WEQ EC pursuant to the annual plan is within scope.

2) The issue of whether this matter, or any matter, is or is not in compliance with FERC policy is beyond the competence of any NAESB committee or subcommittee. To say otherwise would be in derogation of FERC's sole authority to enunciate its own policies, to interpret its policies and to change them.

3) NAESB develops voluntary standards and business practices that we believe will advance our industry. Having done so, we forward the federally jurisdictional standards and business practices to the FERC. At that point it is up to the FERC to determine whether to adopt our standards as its own. In the past, they have either adopted our standards, asked for clarification or modification prior to acting, or have chosen not to adopt them. If adopting a NAESB standard results in a change to FERC policy, that decision is the FERC's decision.

4) NAESB should avoid placing itself in a position where it could be seen to be telling the FERC what its policy is or may be in the future. Accordingly, NAESB, its committees and subcommittees must not spend their time and NAESB's resources in discussing FERC policy but rather in considering and developing standards for EC action.

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via posting

TO:	NAESB Board Critical Infrastructure Committee Members and posting for Interested Industry Parties
FROM:	Jonathan Booe, Deputy Director, NAESB
RE:	Meeting Notes for the NAESB Board Critical Infrastructure Committee
DATE:	September 8, 2011

Dear Critical Infrastructure Committee Members,

A Critical Infrastructure Committee conference call was held on September 8, 2011. The meeting was called to order at 1:00 pm C. Mr. Hurley presided over the meeting and Mr. Booe served as counsel for the meeting. The notes below serve as a record for the meeting.

Notes from the September 8, 2011 NAESB Board Critical Infrastructure Committee Conference Call

Administrative:	Mr. Hurley welcomed the participants to conference call and thanked them for attending. Mr. Booe provided the antitrust guidance and called the roll. Mr. Hurley reviewed the draft agenda and Mr. Gallagher made a motion to adopt the agenda as drafted. Mr. Gracey seconded the motion and the motion passed without opposition.
Review Recent Legislative Action	Mr. Hurley provided an update of the recent cyber security related legislative activities. After the August recess, the House of Representatives started efforts to draft a new cyber security bill that will add clarity to the jurisdictional distinctions between the related regulatory authorities but still leaves the supervisory role with the Department of Homeland Security. The bill is being drafted under the leadership of Representative Dan Lungren of California. Mr. Hurley also noted that the Senate is developing new encryption requirements for customer data. Mr. Booe asked to which type of customer data the encryption requirement laws would apply. Mr. Hurley responded that encryption would be required for all Personally Identifiable Information (PII) and could be extended to meter data. Mr. Hurley stated that the Senate is also drafting legislation that would ensure that RICO charges can be levied against groups such as Anonymous in response to cyber security breaches in the future. Mr. Gallagher noted that Representative Thornberry of Texas is leading a cyber security task force that is in the process of developing a report on the issue. Mr. Hurley stated that the cyber security legislation in the Senate has stalled as the Republicans intend to align with the bill coming out of the House. He also noted a recent attack on a number of certificate authorities in the financial industry.
Other Business	Mr. Booe stated that he would contact absent members of the Committee to determine their level of participation going forward.
Adjourn:	Ms. Ogg moved to adjourn the meeting at 1:19 pm Central and Mr. Gracey seconded the motion. The motion passed without opposition.
Work Papers Provided for the Meeting:	**Meeting Related Documents:** • July 28, 2011 meeting notes: http://www.naesb.org/pdf4/bd_cic_072811notes.doc

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Notes from the September 8, 2011 NAESB Board Critical Infrastructure Committee Conference Call

CRITICAL INFRASTRUCTURE COMMITTEE MEMBERS

Name	Organization	Attendance
William Gallagher	Vermont Public Power Supply Authority	Phone
Brett Perlman	Vector Consultants	
J. Cade Burks	ista	
Chuck Feagans	Tennessee Valley Authority	Phone
Chris Kotting	Public Utilities Commission of Ohio	
Christopher Freitas	US Department of Energy	
Dave Darnell	Systrends USA	
Diane Barney	New York State Department of Public Service Staff	
Bruce Ellsworth	New York State Reliability Council	
Jesse D. Hurley	Shift Research, LLC	Phone
Jim Buccigross	8760, Inc.	
Leigh Spangler	Leigh Spangler	Phone
Michael Desselle	Southwest Power Pool	
Michehl Gent	Open Access Technology International, Inc	Phone
Joelle Ogg	Brunenkant & Cross, LP	Phone
Ralph Cleveland	AGL Resources, Inc.	
Rick Smead	Navigant Consulting, Inc.	
Bob Gee	Gee Strategies Group	Phone
Susanna B. Barry	Tennessee Gas Pipeline Company	
Thomas Pearce	Public Utilities Commission of Ohio	
Valerie Crockett	Tennessee Valley Authority	
Kevin Kirby	ISO New England	
Bill Boswell	NAESB General Counsel	

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Notes from the September 8, 2011 NAESB Board Critical Infrastructure Committee Conference Call

OTHER ATTENDEES

Attendee	Organization
Jonathan Booe	NAESB
Christopher Burden	Williams Gas Pipeline
John Ciza	Southern Company
Mike Cleary	ERCOT
Scott Coe	UISOL
Mike Dionisio	Devon Energy
Mary Doss	ANR Pipeline
Phillip Huff	Arkansas Electric Cooperative
Cary Metz	OGE Energy Resources
Candy Morakinyo	We Energies
Krystina Schaefer	PUCO
Ed Skiba	Midwest ISO
Amanda Stallings	PUCO
Patrick Tronnier	OATI
Craig Williams	WECC
Jeremy Zins	Williston Basin Interstate Pipeline

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via email

TO: Posting on the NAESB DSM-EE Page (http://www.naesb.org/dsm-ee.asp)

FROM: Cory Galik Cummings, NAESB Counsel

RE: Notes from Board Certification Program Committee conference call – August 29, 2011

DATE: September 7, 2011

Dear NAESB Board Certification Program Committee and Interested Parties,

A Board Certification Program Committee (CPC) conference call was held on August 29, 2011. The following notes resulted from the meeting.

AGENDA TOPIC	RESULTS OF DISCUSSION	
Administrative:	The meeting began at 9:00 am Central on Monday, August 29, 2011. The roll was taken, quorum established and participants were welcomed. Antitrust was given and the agenda was adopted.	
Attendees:	Jim Buccigross, 8760, Inc.	*Cory Galik Cummings, NAESB*
	Leigh Spangler, Latitude Technology	*Rae McQuade, NAESB*
	Michehl Gent, OATI	*Valerie Crockett, TVA*
	Christopher Burden, Williams Gas Pipeline	*Kirk Kubousek, OATI*
	Jesse Hurley, Shift Research	*Kathryn Burch, Spectra Energy*
	Paul Sorenson, OATI	
	Kevin Kirby, ISO New England	
Agenda:	• Administrative: Welcome to members and attendees, Role Taken and Quorum Established, Antitrust Guidelines, Introductions, Adoption of Agenda • Discuss and possible vote on ACA requirements • Old/New Business • Adjourn	
Discussion:	• The committee began with a review of the work paper that was revised based on the discussion held during the August 8 meeting. Every effort was made to avoid overlap between the checklist developed by this committee and the WEQ-012 standards, which will be reviewed by the PKI subcommittee. This document will be voted on today with the understanding that the subcommittee may make revisions to the standards that will result in future changes to this document. • Each section of the work paper was reviewed. Mr. Gent asked if section 4(b) should be removed from the document. The focus of the work paper was compliance and 4(b) went beyond that scope. Committee members agreed and 4(b) was removed. Clarification was added to 4(a) for the length of time required for notification of a security breach. No further changes were made to the document. • Mr. Kirby moved to approve the work paper as the WEQ Board Certification Program Committee checklist and forward to the NAESB Board of Directors for approval. Once the Board approves	

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AGENDA TOPIC	RESULTS OF DISCUSSION
	it, this checklist will go into effect immediately with the understanding that there may be possible revisions in the future based on the PKI subcommittee review. Mr. Hurley seconded the motion. The motion passed unanimously.
Adjourn:	The meeting adjourned at 9:39 am Central. The next meeting, scheduled for September 19, will be canceled.

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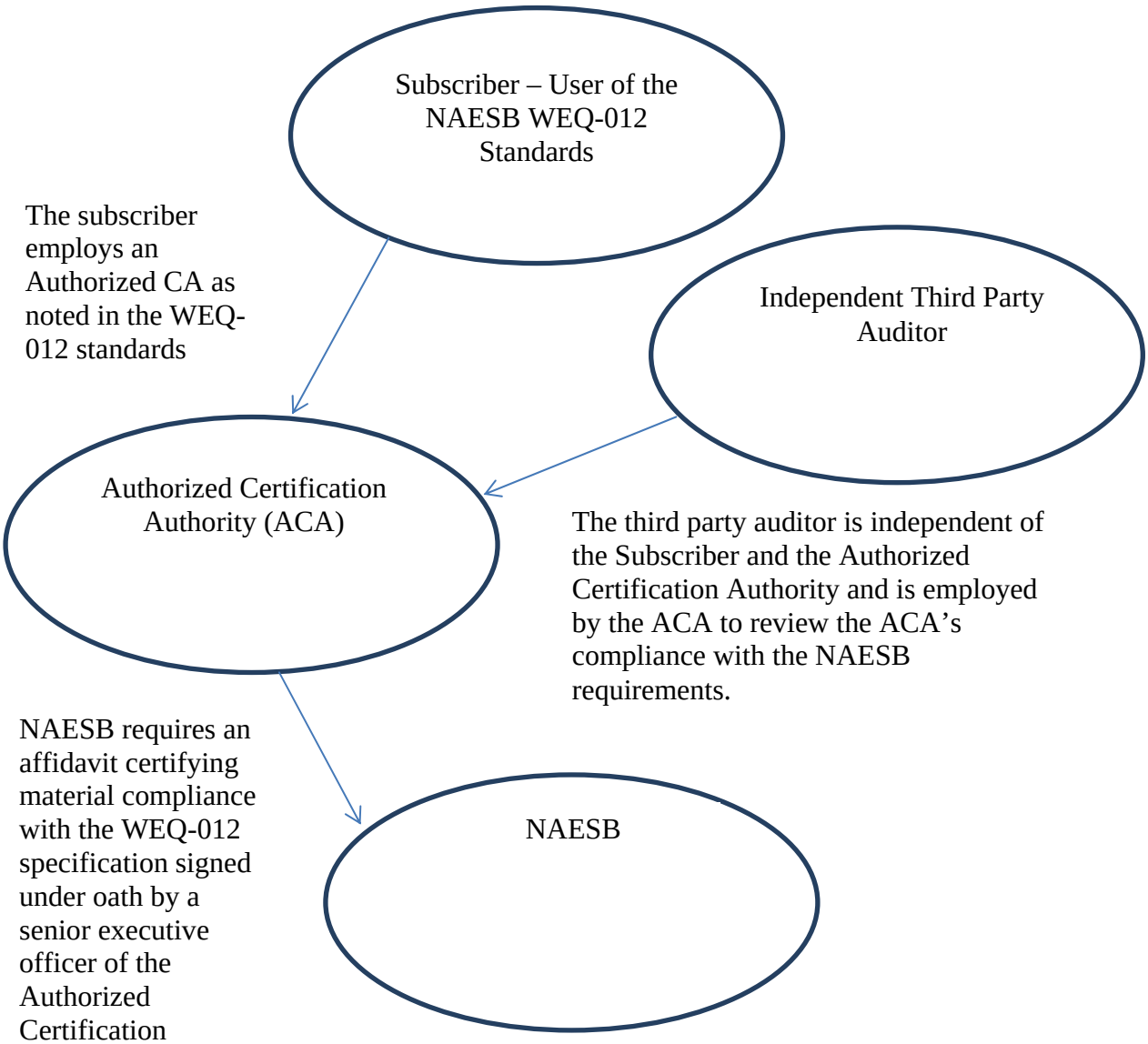
Schematic:



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The following are the components of the process to be used by NAESB to certify, and maintain the certification of Authorized Certification Authorities (ACAs):

1. ACA Certification

   The NAESB Certification Program utilizes a self-certification format. To be initially certified, the candidate seeking ACA Certification ("Candidate") must submit to NAESB:

   a. An affidavit, signed by an Officer or Principal, that the Candidate meets the WEQ-012 requirements and certifies that its answers are accurate and truthful. The affidavit is modeled on similar statements made under Sarbanes-Oxley.

   b. The attestation pursuant to Section 2a(i) and the indication as noted in Section 2(a)(ii).

   NAESB does not warrant or guarantee that the ACA's services comply with the WEQ-012 standard, perform as intended, or comply with representations made by the ACA.

   The ACA is not required to be a member of NAESB, but must possess a current and legal copy of relevant NAESB standards.

   An ACA may display a valid NAESB Certification Mark provided by NAESB on its web site or documentation for as long as the ACA remains certified.

   An ACA must be recertified by NAESB upon purchase, sale or merger of the ACA by/with another external entity.

   NAESB will maintain contact information for all ACAs on its web site.

2. Auditing/Renewal

   a. To maintain NAESB Certification, the ACA must submit annually to NAESB:

      i. an attestation, such as an audit management letter by a Qualified Auditor, that the ACA is compliant in all material respects with the WEQ-012 standards.

      ii. an indication of whether the ACA has received any of the following:

         (a) an unqualified audit from the most recent SOC 3 engagement employing the version of the AICPA Trust Services Principles, Criteria and Illustrations approved for use by the AICPA for the applicable audit period, including the date completed

         (b) an unqualified audit from the most recent WebTrust engagement, employing the version of the AICPA Trust Services Principles, Criteria and Illustrations approved for use by the AICPA for the applicable audit period, which report indicates the ACA has permission to post the **AICPA/CICA *WebTrust Seal*** of assurance on the ACA's website, including the date completed.

   b. The attestation in 2(a)(i) must be performed by an independent, unaffiliated 3rd party auditor ("Qualified Auditor") that is experienced with SOC 3 or WebTrust

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engagements employing the AICPA Trust Services Principles, Criteria and Illustrations. *[Note: A requirement of WEQ-012 knowledge may be added once the WEQ PKI subcommittee has completed its standards review]*.

c. The above information will be provided to NAESB contemporaneously with the ACA's making the report available to other organizations.

d. The ACA may incorporate the WEQ-012 requirements into the audit processes it utilizes to perform related audits of its ongoing business.

e. No auditing of the ACA's subscribers is necessary.

3. Revocation

a. NAESB may rescind an ACA's Certification for cause at any time by providing 30 days' notice in writing to the ACA. ACAs that receive a rescission notice from NAESB are required to notify all affected certificate holders within 5 days that their NAESB certification has been rescinded and their certificates will no longer be valid.

b. Such as, but not limited to, NAESB may revoke the certification of an ACA if:

i. The ACA fails to submit to NAESB, in a timely manner, the submissions of Section 2(a).

ii. The submissions of Section 2(a) indicate that the ACA is no longer in compliance with the WEQ-012 requirements.

4. ACA Notification Requirements

a. The ACA shall notify NAESB and its affected subscribers, as specified by the applicable jurisdictional agency's notification requirements (for example, NERC EOP-004[1]), upon becoming aware of an applicable security breach. If there are no notification requirements from an applicable jurisdictional entity, the notification should take place by the close of the next business day. An applicable breach shall include breaches that compromise the integrity/trustworthiness of the "root certificate" and/or the certificate signing policies that are used to produce digital certificates.

b. The ACA agrees to notify NAESB and its subscribers a minimum of 90 days in advance of any plans to cease performing the Certification Authority function or intent to withdraw from NAESB's list of ACAs.

[1] NERC Emergency Preparedness and Operations EOP-004-1 Disturbance Reporting, http://www.nerc.com/files/EOP-004-1.pdf , includes requirements for submitting notifications of disturbances.

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FREQUENTLY ASKED QUESTIONS RELATED TO THE NEW ELECTRIC INDUSTRY REGISTRY

Who is going to run the new EIR?

The operation of the NAESB registry will be performed by several parties, each of which having a designated area of responsibility. These parties are:

NAESB:

- Performs the background verification and authorizes admission of new applicants to the system.
- Provides authorization of and registration data for certificate authorities.
- Authorizes System Administrators to change certain shared registration data. Authorizes changes in the registry approval process.
- Approves publication policy.
- Instructs System Administrators to perform unscheduled publications.
- Executes approval actions as required by the approval process

NERC:

- Verifies credentials of certain types of participants and executes approval actions as required by the approval process.

OATI:

- Performs system administration functions in managing system hardware and software.
- Investigates potential software issues reported by participants and NAESB.
- Implements changes in certain non-participant specific data objects per NAESB request and authorization.
- Modifies publication schedule per NAESB instruction.
- Performs unscheduled registry publications per NAESB instruction.
- Trains participants per arrangement with NAESB.
- Executes approval actions as required by the approval process.

Data Providers:

- Entities that want to register their data in the webRegistry are responsible for its entry and maintenance in the system.
- Providers will work directly with Data Approvers to perform the timely approval of modifications.

Data Approvers:

- Entities with approval rights are responsible for performing timely approval actions on data objects that require their approvals.

What is the roll-out schedule? What are the roll-out phases?

- webRegistry is planned to be in operation at the beginning of the second quarter, 2012. Detailed information on training, registration and final production implementation will be available in November.

What is the testing schedule?

- OATI is in the process of developing the user acceptance testing criteria. Industry participants will be invited to participate in this testing, which will occur in late November/early December, after the Thanksgiving holiday. Acceptance testing will be coordinated through the JESS with NERC, NAESB and OATI. More detailed information will be available in early November. Testing will occur prior to training and registration.

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What kind of training?

- There will be a combination of training, both face-to-face and webinar. A detailed training schedule will be available in November.

Will training be by regions?

- There will be several physical locations where training will be conducted. The regions where training will be held is to be determined.

How much will it cost each entity? Is the cost based on the various roles an entity may have?

- The initial Registration Fee is $250 USD per Entity Code/Entity Role pair that will cover the first year of operation. Subsequent renewal years will cost $150 USD per Entity Code/Entity Role pair.

Are digital certificates required?

- Yes.

Will the new EIR have bulk upload capability?

- Yes, a file upload capability will be provided for a few types of data when necessary to support bulk upload of data, and facilitate object registration (i.e., POR/POD, Source/Sink points, etc.).

Will the new EIR contain the WECC registry?

- Yes, the EIR will replace the WECC registry in the third and final phase of webRegistry rollout. The WECC component will be added after the first two phases, the entity registration and TSIN replacement, have been deployed and are operational.

Do currently registered entities have to re-register?

- Yes. This will be done to clean up any outdated entities that may currently exist in the TSIN.

Will registration be by region?

- No, registration will occur by entity role and object dependencies will be taken into account in a hierarchical fashion. More details on the registration process will be provided in November, 2011.

Do Reliability Entities (Regional Entities) have to register (for example, WECC, SPPE, etc.)?

- Yes, they will be initially registered by OATI. OATI will also register, as exceptions to the normal Entity registration process, the following entities and roles: NAESB, NERC, Reliability Coordinators and Market Operators.

Do you have to be a NAESB member to register in the webRegistry?

- No.

What is the process for expanding the types of registered data (a new role or a new set of data etc.)?

- NAESB will evaluate the need for including any new roles or objects in the Registry and will evaluate how to implement those with OATI.

What about existing registry data?

- All the data will be re-registered in the system.

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During the development and roll-out of the new EIR , how will folks "stay-n-tune" on what's happening and when?

- NAESB is developing a page on its website to keep the industry up to date with the webRegistry development and implementation.

Will there be a single point of EIR information?

- NAESB will be the point of contact for any questions related to the webRegistry.

What is the time overlap to move data from TSIN to the new EIR?

- The EIR will replace the TSIN registry process and entity and role maintenance. However, the existing TSIN registry APIs (CSV and MDV files) will continue to be supported for 6 months after the changeover.

When will the existing TSIN shut-down?

- As soon as webRegistry is commissioned in production, webRegistry will be the only source of registry information and will totally replace TSIN. However, the current TSIN APIs will be supported by webExchange.

How many users from each entity can have access? Who does user administration?

- An entity can have multiple users. The entity will have a user administrator with the capability of creating additional users for his/her entity.

In the new EIR, will you be able to change your username or password?

- You will be able to change the password associated to your username. However, to modify the username, you must create a new user account.

Will each company have its own administrator who determines what individuals have access?

- Yes, it will be the Company Administrator.

Are there different levels of access in the new EIR?

- Yes. The system is capable of allowing different levels of access.

Will there be a search/query capability?

- Yes, the system will have multiple ways to query data sets in the webRegistry by using different filter options available to the user.

If a user has a problem, who will they contact - OATI or NAESB?

- Any policy issues should be directed to NAESB, any technical issues should be directed to OATI.

Do you have to be an OATI customer to register with the webRegistry?

- To register in webRegistry you do not need to be a current OATI customer.

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August 15, 2011

Mr. Tobin Richardson
Director, Smart Energy Initiative, ZigBee Alliance
2400 Camino Ramon, Suite 375
San Ramon, CA 94583

RE: Request for Comment on Smart Energy 2.0

Dear Mr. Richardson,

NAESB appreciates the opportunity to offer these comments and to support the efforts of the ZigBee Alliance. We look forward to continuing the successful relationship our organizations share.

With Best Regards,

Rae McQuade

Rae McQuade, President, NAESB

cc: Valerie Crockett, Chairman of the NAESB Board of Directors
William P. Boswell, NAESB General Counsel
Michael D. Desselle, Wholesale Electric Quadrant Vice Chairman of the NAESB Board of Directors
Ralph Cleveland, Retail Gas Quadrant Vice Chairman of the NAESB Board of Directors
J. Cade Burks, Retail Electric Quadrant Vice Chairman of the NAESB Board of Directors

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Comments of the North American Energy Standards Board

Much like the ZigBee Alliance, the North American Energy Standards Board (NAESB) is a non-profit member-driven organization formed to add efficiency to the industry through the development of standards. NAESB was created with the support of the Department of Energy (DoE) for the purpose of developing voluntary standards and model business practices designed to promote more competitive and efficient natural gas and electric services that streamline the transactional processes of the natural gas and electric industries. NAESB and its predecessor organization, the Gas Industry Standards Board (GISB), have developed voluntary consensus-based standards in these industries for nearly twenty years with the support of the Federal Energy Regulatory Commission (FERC), the DoE, the North American Electric Reliability Corporation (NERC), the National Association of Regulatory Utility Commissioners (NARUC) and state utility commissions, among other governmental and industry entities. Organizations such as NAESB and the ZigBee Alliance, which serve as a voice for the industry and provide necessary standardization, are critical to interoperability and the success of the modern electric grid.

NAESB's involvement in smart grid activities began in the spring of 2009 and at the request of the National Institute of Standards and Technology ("NIST") and the Smart Grid Interoperability Panel ("SGIP"); NAESB has developed a suite of standards in response to priority action plans 03, 04, 09 and 10. The development of these standards and the success of the NAESB smart grid efforts could not have taken place without the support of many organizations, including the ZigBee Alliance and its members. Specifically, the ZigBee Alliance's role in the development of the NAESB Energy Usage Information Model, through the leadership of Tobin Richardson as co-chair of the NAESB Smart Grid Standards Development Subcommittee on Priority Action Plan 10, was immeasurable. His ability to guide the development of the standard in a manner that recognized the interests of many different perspectives resulted in a product that is widely supported by the smart grid community and has been adopted as part of the SGIP Catalog of Standards.

As smart grid technologies are expanded and new areas of standards development are identified to ensure interoperability, it is important that standards setting organizations such as NAESB and the ZigBee Alliance continue to communicate and act as open forums for their respective memberships. The relationship that NAESB and the ZigBee Alliance have formed is as an example of a collaborative and inclusive partnership that can foster outcomes that serve the needs of all interested parties. NAESB looks forward to building upon this open and collegial relationship to the benefit of both organizations and to the industry at large.

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October 7, 2011

Filed Electronically

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

RE: Submittal for NAESB Standards Development to Support Coordination of Requests for Transmission Service Across Multiple Transmission Systems (Docket No. RM05-5-013, Order No. 676-E)

Dear Ms. Bose:

The North American Energy Standards Board ("NAESB") submits this report to the Federal Energy Regulatory Commission ("FERC" or "Commission") regarding NAESB standards development in support of coordination of requests for transmission service across multiple transmission systems, in response to the final rule for "Standards for Business Practices and Communication Protocols for Public Utilities," (Docket No. RM05-5-013, Order No. 676-E), issued by the Federal Energy Regulatory Commission ("FERC" or "Commission") on November 24, 2009. The NAESB standards related to coordination of requests for transmission service across multiple transmission systems were ratified by NAESB membership on August 11, 2011 and became available as final actions. We very much appreciate the time, knowledge and industry leadership provided by all participants, both members and non-members that contributed to the development of this set of standards.

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

Respectfully submitted,

Rae McQuade

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

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cc with enclosures:

Chairman Jon Wellinghoff, Federal Energy Regulatory Commission
Commissioner Philip D. Moeller, Federal Energy Regulatory Commission
Commissioner John R. Norris, Federal Energy Regulatory Commission
Commissioner Marc Spitzer, Federal Energy Regulatory Commission
Commissioner Cheryl LaFleur, Federal Energy Regulatory Commission

Mr. Michael Bardee, General Counsel of the Commission, Federal Energy Regulatory Commission
Mr. Joseph McClelland, Director, Office of Electric Reliability, Federal Energy Regulatory Commission
Ms. Jamie L. Simler, Director, Office of Energy Policy and Innovation, Federal Energy Regulatory Commission

Ms. Valerie Crockett, Chairman and CEO, North American Energy Standards Board
Mr. William P. Boswell, General Counsel, North American Energy Standards Board
Ms. Rae McQuade, President & COO, North American Energy Standards Board
Mr. Michael D. Desselle, Vice Chairman – WEQ, North American Energy Standards Board
Ms. Kathy York, Chairman WEQ Executive Committee, North American Energy Standards Board

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

Appendix A	OASIS Subcommittee Meeting Minutes Links
Appendix B	Executive Committee Meeting Minutes, Comments, Voting Records Links and Availability of Transcripts
Appendix C	Ratification Ballots and Results Links
Appendix D	2011 Wholesale Electric Quadrant Annual Plan
Appendix E	NAESB Process for Standards Development

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Standards for Business Practice and Communication Protocols for Public Utilities	**)** **)** **)**	**Docket No. RM05-5-000**

REPORT OF THE NORTH AMERICAN ENERGY STANDARDS BOARD

The North American Energy Standards Board (NAESB) is voluntarily submitting this report in response to the Federal Energy Regulatory Commission's (FERC or the Commission) FERC Order No. 676-E, Final Rule on Standards for Business Practices and Communication Protocols for Public Utilities (Docket No. RM05-5-013)[1] and FERC Order No. 890, Final Rule on Preventing Undue Discrimination and Preference in Transmission Service (Docket Nos. RM05-17-000 and RM05-25-000).[2]

In January 2002, the Gas Industry Standards Board ("GISB") became the Wholesale Gas Quadrant (WGQ) of NAESB and three other quadrants were formed, the Wholesale Electric Quadrant (WEQ), the Retail Gas Quadrant, and Retail Electric Quadrant. NAESB WEQ Version 0 standards[3] were adopted by the WEQ and published on January 15, 2005. NAESB WEQ Version 1 standards[4] were adopted by the WEQ and published on October 31, 2007 and subsequently filed with the Commission on December 21, 2007.[5] NAESB WEQ Version 2 standards[6] were adopted by the WEQ and filed with the Commission on August 29, 2008[7] and subsequently published on September 30, 2008, with the ratification record filed on November 14, 2008.[8] NAESB Version 2.1

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[1] Final Rule on Standards for Business Practices and Communication Protocols for Public Utilities, FERC Order No. 676-E (November 24, 2009), 18 C.F.R. §38.2 , ¶105, *can be accessed from* http://elibrary.ferc.gov/idmws/common/opennat.asp?fileID=12205059.

[2] Preventing Undue Discrimination and Preference in Transmission Service, Order No. 890, 72 FR 12,266 (March 15, 2007), FERC Stats. & Regs.¶31, 241 (2007) (Order No. 890), order on reh'g, Order 890-A, 73 FR 2984 (Jan. 16, 2008), FERC Stats. & Regs. ¶31,261 at P 592 (2007) (Order 890-A), order on reh'g, Order 890-B, --FR---, FERC Stats. & Regs. ¶---- (2008).

[3] NAESB Version 0 standards (Docket No. RM05-5-000), *available at* http://elibrary.ferc.gov/idmws/common/opennat.asp?fileID=10369845. (submitted January 18, 2005).

[4] NAESB Version 001 Standards in Response to FERC Order No. 890, Docket Nos. RM05-17-000 and RM05-25-000, *available at* http://www.naesb.org/member_login_check.asp?doc=weq_bklet_041808.pdf. This document is password protected. Non-members should contact the NAESB office to access this document.

[5] NAESB Report on the Standards for Business Practices of Public Utilities, Version 1.0, *available at* http://www.naesb.org/doc_view4.asp?doc=ferc122107.pdf (submitted December 21, 2007). This document is password protected. Non-members should contact the NAESB office to access this document.

[6] NAESB Version 002 Standards in Response to FERC Order No. 890, Docket Nos. RM05-25-000 and RM05-17-000, *available at* http://www.naesb.org/member_login_check.asp?doc=weq_bklet_093008_mc090809.pdf. This document is password protected. Non-members should contact the NAESB office to access this document.

[7] NAESB Report to the FERC on Order Nos. 809, 890-A, WEQ Version 2.0 Filing – Standards for Business Practices of Public Utilities, available at http://naesb.org/pdf3/ferc082908_order_890_filing.pdf (submitted August 29, 2008).

[8] NAESB Report to the FERC to Supplement the August 28, 2008 Version 2.0 WEQ Standards Filing, *available at* http://www.naesb.org/pdf4/ferc111408_weq_v002_supp_filing.pdf.

standards[9] were adopted by the WEQ and published on March 11, 2009 and filed with the Commission on February 19, 2009,[10] with the ratification record filed on March 12, 2009.[11]

The WEQ Executive Committee (EC) formed a task force during the February 2, 2010 EC meeting[12] to determine the scope for the Open Access Same-Time Information Systems (OASIS) subcommittee addressing the Service Across Multiple Transmission Systems (SAMTS)-related annual plan items. The WEQ EC task force met nine times, from March, 2010 to June, 2010, to accomplish this assignment. The task force prepared a unanimously supported recommended scope[13] for the development of the SAMTS standards. The scope was approved by the WEQ EC on August 17, 2010.[14] As stated in our previous FERC status update filing,[15] the OASIS subcommittee focused its efforts on Network Integrated Transmission Systems (NITS) standards prior to the start of the SAMTS effort. Therefore, the NAESB OASIS Subcommittee did not focus its efforts on SAMTS until January, 2011. The NAESB OASIS Subcommittee meetings worked to develop these standards from January, 2011 to June, 2011. In total, there were 14 subcommittee meetings, totaling 141 hours, focused on SAMTS issues. Throughout the development process, there were six WEQ EC meetings where the OASIS standards development effort was discussed. All meetings were open to all interested parties and were publicly noticed, and were available by phone and web cast for those unable to travel. The meetings were held in geographically diverse locations. Any interested party was encouraged to submit comments if their schedules would not permit them to participate either in person or over the phone/web cast. The minutes of these meetings are provided as links in Appendices A and B, which include the transcripts of the WEQ EC meetings, the voting record of the WEQ EC, and include all comments filed as part of the formal comment period for the proposed SAMTS standards. The ratification ballots and member ratification voting records results are also included as links in Appendix C. The 2011 WEQ Annual Plan is contained in Appendix D. An abbreviated review of the NAESB process by which the standards were drafted, considered and adopted is provided in Appendix E. More detailed process descriptions can be accessed from the NAESB web site.

The model business practice standards developed and modified by the OASIS subcommittee were based upon the scope document developed by the WEQ EC task force. As was noted in the last status update to the Commission,[16] the subcommittee determined not to pursue the new state of Provisionally Denied, but rather expanded upon the initial scope to include customer concerns about loss of queue position for requests that are

[9] NAESB Version 2.1 Standards in Response to FERC Order Nos. 890, 890-A and 890-B, Docket No. RM05-5-013, *available at* http://www.naesb.org/member_login_check.asp?doc=weq_bklet_031109.pdf. This document is password protected.

[10] NAESB Report to the FERC on Standards for Business Practices of Public Utilities, *available at* http://www.naesb.org/pdf4/ferc021909_weq_v002.1_with_appendices.pdf (submitted February 19, 2009).

[11] NAESB WEQ Version 2.1 Supplemental Filing, *available at* http://www.naesb.org/pdf4/ferc031209_naesb_weq_version_002.1_supplemental_filing.pdf.

[12] NAESB WEQ EC Meeting Minutes, *available at* http://www.naesb.org/pdf4/weq_ec020210fm.doc. February 2, 2010.

[13] NAESB WEQ EC Task Force Scope Document, *available at* http://www.naesb.org/pdf4/weq_ec081710a4.doc, August 17, 2010.

[14] NAESB WEQ EC Meeting Minutes, *available at* http://www.naesb.org/pdf4/weq_ec081710fm.doc, August 17, 2010.

[15] NAESB Progress Report on Standards Development to Support Coordination of Requests for Transmission Service Across Multiple Transmission Systems, *available at* http://www.naesb.org/pdf4/naesb_samts_status_report_ferc_030911.pdf, March 9, 2011.

[16] Id.

queued after the linked requests. As such, the scope statement developed by the WEQ EC task force was modified[17] by the WEQ EC and approved on February 1, 2011.[18]

On May 5, 2011, the OASIS subcommittee voted out the recommendation with the required balanced simple majority vote.[19] The recommendation was sent out for a thirty-day industry comment period[20] on May 11, 2011 and ended on June 10, 2011. A substantive and technical review of the proposed standards by the WEQ EC was held on May 20, 2011 to help provide guidance for industry participants submitting comments.[21] At the close of the comment period, eleven sets of comments were submitted (see Appendix B). The OASIS subcommittee reviewed the comments received on June 20 – 21, 2011 and provided a set of late comments. In addition to the original late comments provided by the OASIS subcommittee, two additional sets of late comments were received, (also available in Appendix B). The WEQ EC met to consider the recommendation and the comments received on June 30, 2011.[22] The vote was inconclusive, so a notational ballot was sent out to the WEQ EC members that were not present to vote at the meeting. Through notational ballots due on July 8, 2011, the EC approved the recommendation with the necessary super majority threshold of 67% and a minimum of 40% affirmative votes from each fully populated segment. The standards were ratified[23] by the WEQ membership on August 11, 2011, after a thirty-day ratification period and posted as a final action.[24]

These standards provide a process by which a customer may complete a cross-regional transaction. The process requires that each affected provider independently evaluate its portion of the linked request, with the opportunity for reconciliation by the customer once all evaluations are complete. After submitting and monitoring requests on multiple systems, the customer can communicate reconciled information to each of the affected providers. As NITS on OASIS is still under development, the SAMTS project focused exclusively on the FERC-approved process in existence, namely for point-to-point transmission service. The network service portion of the SAMTS process will be included in the NITS standards and provided to the Commission as part of the Version 3.0 filing expected to be made mid-year, 2012. The SAMTS process modifies and adds standards or terms to the Abbreviations, Acronyms and Definition of Terms (WEQ-000), the OASIS Business Practice Standards (WEQ-001), the OASIS Standards and Communication Protocols (WEQ-002), The OASIS Data Dictionary (WEQ-003), and the OASIS Implementation Guide (WEQ-013).

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[17] Revised NAESB WEQ EC Task Force Scope Document, *available at* http://www.naesb.org/pdf4/weq_ec020111w9.doc, August 17, 2010

[18] NAESB WEQ EC Meeting Minutes, *available at* http://www.naesb.org/pdf4/weq_ec020111dm.doc, February 1, 2011

[19] NAESB WEQ OASIS Subcommittee Meeting Minutes, *available at* http://www.naesb.org/pdf4/weq_oasis050311fm.doc, May 5, 2011.

[20] WEQ Request for Comments, available at http://www.naesb.org/pdf4/weq_051111_reqcom.doc. The comments are located in the row titled, WEQ 2011 Annual Plan Items 2.a.iii.1 through 2.a.iii.3.

[21] NAESB WEQ Executive Committee Meeting Notes, *available at* http://www.naesb.org/pdf4/weq_ec052011mn.doc, May 20, 2011.

[22] NAESB WEQ Executive Committee Meeting Minutes, *available at* http://www.naesb.org/pdf4/weq_ec063011dm.doc, June 30, 2011.

[23] WEQ Member Ratification of the SAMTS standards, available at http://www.naesb.org/ratification.asp. The ratification tally is located on the row dated July 11, 2011.

[24] NAESB 2011 WEQ Annual Plan Items 2.a.iii.1 through 2.a.iii.3 Final Action: Service Across Multiple Transmission Systems, Ratified August 11, 2011, *available at* http://www.naesb.org/member_login_check.asp?doc=fa_weq_2011_ap_2aiii1_to_2aiii3.doc.

Following is a table that outlines the standards created or modified to support the inclusion of service across multiple transmission systems. These standards are now a final action and are available on the NAESB website. They will be published as part of WEQ Version 3.0.

Final Action 2011 WEQ Annual Plan Items 2.a.iii.1 through 2.a.iii.3 - Service Across Multiple Transmission Systems (SAMTS) modifications / deletions / additions to be incorporated in NAESB WEQ Business Practice Standards, Version 3.0		
STANDARD NUMBER	DESCRIPTION/TOPIC	ACTION
WEQ-000-2	**Abbreviations, Acronyms, and Definition of Terms**	
	Coordinated Group	Add Definition
	Coordinated Request	Add Definition
	Network Customer	Add Definition
WEQ-001	**Open Access Same-Time Information Systems (OASIS) Business Practice Standards**	
WEQ-001-4.6	On-Line Negotiation and Confirmation Process	Modify Standard
WEQ-001-4.7		Modify Standard
WEQ-001-4.7.2		Modify Standard
WEQ-001-4.7.3		Modify Standard
WEQ-001-4.7.3.2		Modify Standard
WEQ-001-4.7.3.4		Modify Standard
WEQ-001-4.7.3.4.1		Add Standard
WEQ-001-4.9		Modify Standard
WEQ-001-4.9.4		Add Standard
WEQ-001-4.9.4.1		Add Standard
WEQ-001-4.9.4.2		Add Standard
WEQ-001-4.10		Modify Standard
WEQ-001-4.10.5		Add Standard
WEQ-001-4.10.6		Add Standard
WEQ-001-4.10.6.1		Add Standard
WEQ-001-4.10.6.2		Add Standard
WEQ-001-4.11		Modify Standard
WEQ-001-4.11.1		Add Standard
WEQ-001-4.13		Modify Standard
WEQ-001-23	Coordination of Requests for Service Across Multiple Transmission Systems	Add Standard
WEQ-001-23.1	General Requirements	Add Standard
WEQ-001-23.1.1		Add Standard
WEQ-001-23.1.2		Add Standard
WEQ-001-23.1.3		Add Standard
WEQ-001-23.1.4		Add Standard
WEQ-001-23.1.5		Add Standard
WEQ-001-23.1.6		Add Standard
WEQ-001-23.1.7		Add Standard
WEQ-001-23.1.8		Add Standard
WEQ-001-23.2	Eligibility	Add Standard

Final Action 2011 WEQ Annual Plan Items 2.a.iii.1 through 2.a.iii.3 - Service Across Multiple Transmission Systems (SAMTS) modifications / deletions / additions to be incorporated in NAESB WEQ Business Practice Standards, Version 3.0		
STANDARD NUMBER	DESCRIPTION/TOPIC	ACTION
WEQ-001-23.2.1		Add Standard
WEQ-001-23.2.1.1		Add Standard
WEQ-001-23.2.1.2		Add Standard
WEQ-001-23.2.1.3		Add Standard
WEQ-001-23.2.2		Add Standard
WEQ-001-23.2.3		Add Standard
WEQ-001-23.2.4		Add Standard
WEQ-001-23.3	Processing of Coordinated Requests	Add Standard
WEQ-001-23.3.1		Add Standard
WEQ-001-23.3.2		Add Standard
WEQ-001-23.3.2.1		Add Standard
WEQ-001-23.3.3		Add Standard
WEQ-001-23.3.4		Add Standard
WEQ-001-23.3.4.1		Add Standard
WEQ-001-23.3.4.2		Add Standard
WEQ-001-23.3.4.2.1		Add Standard
WEQ-001-23.3.4.2.2		Add Standard
WEQ-001-23.3.4.3		Add Standard
WEQ-001-23.3.4.3.1		Add Standard
WEQ-001-23.3.5		Add Standard
WEQ-001-23.3.5.1		Add Standard
WEQ-001-23.3.5.2		Add Standard
WEQ-001-23.3.5.3		Add Standard
WEQ-001-23.3.5.4		Add Standard
WEQ-001-23.3.6		Add Standard
WEQ-001-23.3.7		Add Standard
WEQ-001-23.3.8		Add Standard
WEQ-001-23.3.9		Add Standard
Appendix E	Contiguity Examples for Coordinated Groups	Add Appendix
WEQ-002	**Open Access Same-Time Information Systems (OASIS) Business Practice Standards and Communication Protocols (S&CP)**	
WEQ-002-4.3.1	Template Summary	Modify Standard
WEQ-002-4.3.6	Purchase Transmission Services	Modify Standard
WEQ-002-4.3.6.1		Modify Standard
WEQ-002-4.3.6.2	Status of Transmission Customer Purchase Request/Reservation (transstatus)	Modify Standard
WEQ-002-4.3.6.2.3	Coordinated Group Status (cgstatus)	Add Standard
WEQ-002-4.3.6.3	Seller Approval of Purchase (transsell)	Modify Standard
WEQ-002-4.3.6.4	Transmission Customer Confirmation of Purchase (transcust)	Modify Standard
WEQ-002-4.3.6.4.1	Update Coordinated Group (cgupdate)	Add Standard

Final Action 2011 WEQ Annual Plan Items 2.a.iii.1 through 2.a.iii.3 - Service Across Multiple Transmission Systems (SAMTS) modifications / deletions / additions to be incorporated in NAESB WEQ Business Practice Standards, Version 3.0		
STANDARD NUMBER	DESCRIPTION/TOPIC	ACTION
WEQ-002-4.3.11		Modify Standard
WEQ-002-5.10	Implementation Plan	Modify Standard
WEQ-002-5.10.1	Data Element Cross Reference	Modify Standard
WEQ-003	**Open Access Same-Time Information Systems (OASIS) Data Dictionary Business Practice Standards**	
	CG_DEADLINE	Add Element
	CG_STATUS	Add Element
	CR_ASSIGNMENT_REF	Add Element
	CR_DISPOSITION	Add Element
	CR_DESPOSITION_TIME	Add Element
	CR_PRIMARY_PROVIDER_CODE	Add Element
	CR_SERVICE_INCREMENT	Add Element
	CR_TS_CLASS	Add Element
	CR_TS_TYPE	Add Element
	STATUS	Modify Element
WEQ-013	**Open Access Same-Time Information Systems (OASIS) Implementation Guide Business Practice Standards**	
WEQ-013-2	OASIS Transaction Processing	Modify Standard
WEQ-013-2.2	Transaction Status	Modify Standard
WEQ-013-2.2.1	ACCEPTED and CR_ACCEPTED Status Restrictions	Modify Standard
WEQ-013-2.3	Basic OASIS Transaction Handling	Modify Standard
WEQ-013-2.6.1	ORIGINAL Requests	Modify Standard
WEQ-013-2.6.1.1	Offering of Partial Service	Modify Standard
WEQ-013-2.6.1.2	Negotiation of Price	Modify Standard
WEQ-013-2.6.2	RENEWAL Requests	Modify Standard
WEQ-013-2.6.3	MATCHING Requests	Modify Standard
WEQ-013-2.6.5	REDIRECT Requests	Modify Standard
WEQ-013-2.6.5.1	Redirect on a Firm Basis	Modify Standard
WEQ-013-2.6.9	Coordinated Requests	Add Standard
WEQ-013-4.1.5	File Examples of the Use of Continuation Records	Modify Standard
WEQ-013-4.1.6	Examples of Negotiation of Price and Partial Service Offer	Modify Standard
WEQ-013-4.1.6.1	Negotiation with Preconfirmation	Modify Standard
WEQ-013-4.1.6.2	Negotiations without Preconfirmation	Modify Standard
WEQ-013-4.1.6.3	Multiple Step Negotiations	Modify Standard
WEQ-013-4.1.6.4	Negotiations Declined by Seller	Modify Standard
WEQ-013-4.1.6.5	Negotiations withdrawn by Transmission Customer	Modify Standard
WEQ-013-4.1.6.6	Negotiations Superseded by Higher Priority Reservation	Modify Standard

Final Action 2011 WEQ Annual Plan Items 2.a.iii.1 through 2.a.iii.3 - Service Across Multiple Transmission Systems (SAMTS) modifications / deletions / additions to be incorporated in NAESB WEQ Business Practice Standards, Version 3.0		
STANDARD NUMBER	DESCRIPTION/TOPIC	ACTION
WEQ-013-4.1.7.2	Reservations	Modify Standard
WEQ-013-4.1.9	Process Flow Example for Service Across Multiple Transmission Systems	Add Standard

This report is intended solely as a status report from NAESB regarding the recently adopted SAMTS standards. NAESB does not advocate that the Commission take a particular position on any of the issues presented. We very much appreciate the work of the industry volunteers in developing the SAMTS standards. Please do not hesitate to contact NAESB should additional information be needed.

NORTH AMERICAN ENERGY STANDARDS BOARD
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July 7, 2011

Filed Electronically

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

RE: Submittal of Smart Grid Related Standards (Docket No. RM05-5-000, et al)

Dear Ms. Bose:

The North American Energy Standards Board ("NAESB") submits this report to the Federal Energy Regulatory Commission ("FERC" or "Commission") regarding the NAESB smart grid standards developed at the request of the National Institute of Standards and Technology ("NIST") and the Smart Grid Interoperability Panel ("SGIP") in response to priority action plans 03, 04, 09 and 10. This report is voluntarily submitted by NAESB in Docket No. RM05-5-000. The NAESB smart grid standards related to Priority Action Plan 10 were ratified by NAESB membership on November 29, 2010 and the NAESB smart grid standards related to Priority Action Plans 03, 04 and 09 were ratified by NAESB membership on March 21, 2011. All NAESB smart grid standards are available as final actions. We very much appreciate the time, knowledge and industry leadership provided by all participants, both members and non-members, and look forward to the further development of smart grid related business practice standards, if directed to do so by the Commission, NIST, the SGIP or the industry.

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

Respectfully submitted,

Rae McQuade

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

NORTH AMERICAN ENERGY STANDARDS BOARD
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July 7, 2011

cc with enclosures:

Chairman Jon Wellinghoff, Federal Energy Regulatory Commission
Commissioner Philip D. Moeller, Federal Energy Regulatory Commission
Commissioner John R. Norris, Federal Energy Regulatory Commission
Commissioner Marc Spitzer, Federal Energy Regulatory Commission
Commissioner Cheryl LaFleur, Federal Energy Regulatory Commission

Mr. Michael Bardee, General Counsel of the Commission, Federal Energy Regulatory Commission
Mr. Joseph McClelland, Director, Office of Electric Reliability, Federal Energy Regulatory Commission
Ms. Jamie L. Simler, Director, Office of Energy Policy and Innovation, Federal Energy Regulatory Commission

Mr. Michael Goldenberg, Senior Attorney, Office of General Counsel, Federal Energy Regulatory Commission
Mr. Mason Emnett, Director, Office of Energy Policy and Innovation, Federal Energy Regulatory Commission
Mr. William E. Murrell, Deputy Director, Division of Economic and Technical Analysis, Office of Energy Policy and Innovation, Federal Energy Regulatory Commission

Mr. George Arnold, National Coordinator for Smart Grid Interoperability, National Institute of Standards and Technology.
Mr. Dave Wollman, Leader, Electrical Metrology Groups, National Institute of Standards and Technology.

Ms. Valerie Crockett, Chairman and CEO, North American Energy Standards Board
Mr. William P. Boswell, General Counsel, North American Energy Standards Board
Ms. Rae McQuade, President & COO, North American Energy Standards Board
Mr. Michael D. Desselle, Vice Chairman – WEQ, North American Energy Standards Board
Mr. J. Cade Burks, Vice Chairman – REQ, North American Energy Standards Board

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

Appendix A	Smart Grid Distribution Lists
Appendix B	WEQ/REQ Smart Grid Standards Development Subcommittee and Smart Grid Standards Subcommittee on Priority Action Plan 10 Standards Task Force Meeting Minutes Links
Appendix C	Executive Committee Meeting Minutes, Comments, Voting Records Links and Availability of Transcripts
Appendix D	Ratification Ballots and Results Links
Appendix E	2009 Wholesale Electric Quadrant Annual Plan
Appendix F	2010 Wholesale Electric Quadrant Annual Plan
Appendix G	NAESB Process for Standards Development

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Standards for Business Practice and Communication Protocols for Public Utilities	**)** **)**	**Docket No. RM05-5-000**

REPORT OF THE NORTH AMERICAN ENERGY STANDARDS BOARD

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

I. NAESB Involvement in the Smart Grid

In the spring of 2009, at the request of the NAESB Advisory Council, NAESB leadership met with Dr. George Arnold, the National Coordinator for Smart Grid Interoperability for the National Institute of Standards and Technology ("NIST"), and offered to support NIST in its fulfillment of obligations under the Energy Independence and Security Act of 2007 ("EISA")[1]. At the recommendation of NIST leadership, NAESB participated in the NIST hosted summer workshops of 2009 and received assignments related to priority action plan 03 (Common Price Communication Model)[2], priority action plan 04 (Common Scheduling Mechanism)[3] and priority action plan 09 (Standardized Demand Response and Distributed Energy Resource Signals)[4]. Specifically, NAESB was asked to develop communication use cases and data requirement standards related to each priority action plan as well as ancillary tasks to leverage existing work products and encourage collaboration with other organizations. In response to these assignments and at the direction of the NAESB Board of Directors, the NAESB Wholesale Electric Quadrant ("WEQ") and Retail Electric Quadrant ("REQ") Executive Committees formed the joint WEQ and REQ Smart Grid Standards Development Subcommittees to address the assignments and solicited co-chairs for the joint subcommittee. Representatives from ISO New England, NRG Energy, Consumers Energy and Xtensible Solutions volunteered to serve as co-chairs and lead the NAESB effort.

The NAESB Board of Directors recommended that the standards development effort be addressed jointly between the REQ and WEQ, recognizing the multi-market impacts that may be realized as standards to support smart grid applications are developed. The NAESB Board of Directors, through a board resolution[5], requested that the NAESB smart grid standards developed by the REQ and WEQ Executive Committees strive to be consistent across markets in all areas excepting where there are substantive jurisdictional differences. As such, the NAESB

[1] EISA § 1305(d), Public Law No. 110-140, 121 Stats. 1492, 1788 (2007) (to be codified at 15 U.S.C. § 1735(d))

[2] NIST Smart Grid Collaboration Wiki Smart Grid Interoperability Panel Site for Priority Action Plan 03 is available at http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PAP03PriceProduct.

[3] NIST Smart Grid Collaboration Wiki Smart Grid Interoperability Panel Site for Priority Action Plan 04 is available at http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PAP04Schedules

[4] NIST Smart Grid Collaboration Wiki Smart Grid Interoperability Panel Site for Priority Action Plan 09 is available at http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PAP09DRDER.

[5] The June 24, 2010 NAESB Board Meeting Final Minutes are available at http://www.naesb.org/pdf4/bd062410fm.doc

smart grid standards related to priority action plans 03, 04, 09 and 10 (Standard Energy Usage Information)[6] have been developed by volunteers in both the retail and wholesale electric markets but have resulted in standards that are specific to each market respectively.

Working through the NIST priority action plan process NAESB was asked to coordinate with external standards setting organizations such as the Organization for the Advancement of Structured Information Standards ("OASIS")[7], the ZigBee Alliance[8], the UCA International Users Group[9], FIX Protocol[10], CalConnect[11] and Lawrence Berkley National Laboratory[12], among others. Specific to priority action plans 03, 04 and 09, NAESB was asked by NIST to make the NAESB use case and data requirement standards available to the OASIS Technical Committees responsible for developing the specifications based upon the NAESB data requirements in fulfillment of their obligations under the priority action plans. As the NAESB effort and the effort of the OASIS Technical Committees to develop specifications based upon the NAESB data requirements were underway simultaneously, the two organizations took a waterfall approach to the standards development by encouraging overlap between the participants of the NAESB subcommittee and OASIS Technical Committees, while completing the work in phases. The NAESB subcommittee completed its obligations related to priority action plans 03, 04 and 09 through a two phase approach. NAESB developed an initial set of use cases and data requirements within the timeline originally specified in the priority action plans and made those recommendations available to the OASIS Technical Committees in an effort to initiate their work on the related specifications as quickly as possible. The NAESB Smart Grid Standards Development Subcommittee completed the phase two recommendations and satisfied its obligations under the priority action plans 03, 04 and 09 in November 2010.

In January 2010, as the NAESB Smart Grid Standards Development Subcommittee addressed phase one of priority action plans 03, 04 and 09, the Smart Grid Interoperability Panel ("SGIP")[13] asked NAESB to conduct an industry survey to determine the current energy usage communications between energy suppliers, consumers and third party service providers as part of priority action plan 10 (Standard Energy Usage Information). In May 2010, the assignments related to PAP10 were restructured by the SGIP in response to the urging of the Administration to produce a single standard information model for energy usage. NAESB was designated as the standards development organization to develop the standard and asked to complete it by year end 2010. The SGIP requested that NAESB leverage the work products of external standards setting organizations and strive to create an information model that is compatible with, or may be mapped to, the Open ADE 1.0 Specification, Smart Energy Profile 2.0, the EIS Alliance Requirements documents and the IEC TC57 Common Information Model. In response to this request, NAESB created the joint REQ and WEQ Smart Grid Standards Subcommittee and hosted its first conference call on June 22, 2010. In an effort to ensure that the standard developed by the subcommittee was

[6] NIST Smart Grid Collaboration Wiki Smart Grid Interoperability Panel Site for Priority Action Plan 10 is available at http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PAP10EnergyUsagetoEMS

[7] The Organization for the Advancement of Structured Information Systems website is available at http://www.oasis-open.org

[8] The ZigBee Alliance website is available at http://www.zigbee.org

[9] The UCA International Users Group website is available at http://www.ucaiug.org/default.aspx

[10] The FIX Protocol website is available at http://www.fixprotocol.org

[11] The CalConnect website is available at http://www.calconnect.org

[12] The Lawrence Berkley National Laboratory website is available at http://www.lbl.gov

[13] The SGIP was formed in November of 2009 to act as a consensus body of industry participants and support NIST in the fulfillment of its obligations under EISA 2007

properly coordinated with the identified standards setting organizations, the NAESB REQ and WEQ Executive Committees provided leadership positions within the subcommittee for representatives from the various stakeholder organizations. The resulting NAESB Energy Usage Information Model was ratified by the NAESB membership on November 29, 2010 and is currently being considered for inclusion in the SGIP catalog of standards. The standards resulting from these NAESB efforts will be included in the future publication of the WEQ Version 2.2 NAESB Standards and have been included in the REQ Version 1.3 NAESB Standards.

II. Smart Grid Standards Development Subcommittee

a. Priority Action Plan 03 – Common Price Communication Model

As requested by NIST through priority action plan 03, the Smart Grid Standards Development Subcommittee held their first meeting jointly with FIX Protocol in September 2009. During this meeting, and subsequent meetings through October, the NAESB subcommittee and leadership from FIX Protocol developed a scope of work and seminal work papers from which a product definition for electrical energy and a price communication format could be developed. The seminal work papers, developed collaboratively, served as the base documentation for the development of the phase one requirements specification for a common electricity product and price definition recommendation developed by the Smart Grid Standards Development Subcommittee to support priority action plan 03. This work was completed through a phased approach in effort to comply with the NIST imposed deadlines and to provide an initial work product from which the OASIS technical committee responsible for the development of a specification based upon the NAESB data requirements could begin their work. The parallel work process in the NAESB subcommittee and the OASIS technical committee was only possible through the close coordination of the two standards organizations and a crossover participation in both the subcommittee and technical committee. Through the phase one of the effort, the subcommittee developed a set of use cases to describe price communication scenarios related to shifts in demand and environmental and economic changes. These use cases were then used to develop the price attributes and product identification information or data requirements necessary to communicate price. As a second phase, the subcommittee refined both the use cases and the data requirements in an effort to create a more complete robust standard.

Between September 1, 2009 and February 18, 2010, when the phase one recommendation was unanimously approved by the Smart Grid Standards Development Subcommittee and posted for a thirty-day formal comment period, the subcommittee held sixteen conference calls, two meetings and two informal comment periods. The recommendations were reviewed by the REQ and WEQ Executive Committees on June 7, 2010 in a single topic review session and then considered for vote on June 16, 2010, during which the REQ recommendation was approved and later ratified by the REQ membership on July 30, 2010. The WEQ recommendation was distributed for a notational ballot period which closed on June 25, 2010, but, as not enough votes were received to make a determination on the recommendation, a subsequent meeting was scheduled for July 7, 2010 to reconsider the recommendation and the modifications made during the June 16, 2010 single topic conference call. On July 7, 2010, the WEQ Executive Committee reconsidered the recommendation in light of the June 24, 2010 Board Resolution[14] and once again voted on the recommendation. The recommendation passed the required super-majority

[14] *See supra* note 5

voting threshold through a notational ballot on July 16, 2010 and was ratified by the membership on August 20, 2010.

On March 4, 2010, immediately after the phase one recommendation was voted out of subcommittee, the Smart Grid Standards Development Subcommittee began meeting to discuss the direction of the phase two effort and the process by which the phase one use cases and data requirements should be refined. The subcommittee held seventeen conference calls and one meeting before approving the recommendation and posting it for the formal comment period on October 14, 2010. The phase two REQ recommendation was reviewed and approved by the REQ Executive Committee on February 2, 2011 and ratified by the membership on March 21, 2011. The WEQ recommendation was considered by the by the WEQ Executive Committee on February 1, 2011 and approved through notational ballot on February 18, 2011. The WEQ final action was also ratified by the membership on March 21, 2011. Through the phase two process, the REQ and WEQ phase two recommendations have been made nearly identical as there are no substantive jurisdictional implications in the implementation of the data requirement standards.

On December 10, 2010, the NAESB Smart Grid Standards Development Subcommittee met with the OASIS Technical Committee responsible for developing the price communication specification based upon the data requirements included in the NAESB standards. During this meeting, leadership from the OASIS Technical Committee reviewed the eMIX specification[15] and identified how the NAESB data requirement standards to support priority action plan 03 were incorporated into their work products. The eMIX specification is still under development but will be made available to the SGIP upon completion in satisfaction of the obligations required by priority action plan 03.

b. Priority Action Plan 04 – Common Scheduling Mechanism

The Smart Grid Standards Development Subcommittee initiated efforts to address the NAESB responsibilities related to priority action plan 04 on October 22, 2009. Through discussion, the subcommittee determined that the date and time based data requirements should be limited in scope to those used in demand response programs. This direction was communicated to NIST representatives and deemed appropriate and in compliance with the priority action plan 04 tasks assigned to NAESB. A draft recommendation describing date and time-based data elements and usage examples of those data elements was reviewed by the subcommittee on October 29, 2009 and distributed for an informal comment period the following week. The subcommittee held ten conference calls and an additional informal comment period and on January 28, 2010 the subcommittee unanimously approved the phase one requirements specification for a common scheduling mechanism recommendation developed to support priority action plan 04. The draft recommendations were immediately made available to the OASIS WS Calendar Technical Committee[16] responsible for incorporating the data element requirements developed by the NAESB subcommittee and including them in their scheduling specification.

The phase one recommendations were reviewed by the REQ and WEQ Executive Committees on June 7, 2010 in a single topic review session and then considered for vote on June 16, 2010. During the June 16, 2010 meeting, the REQ recommendation was approved and subsequently ratified by the membership on July 30, 2010,

[15] The OASIS eMIX Technical Committee website is available at http://www.oasis-open.org/committees/emix

[16] The OASIS WS Calendar Technical Committee website is available at http://www.oasis-open.org/committees/ws-calendar

but due to a lack of determinative votes a notational ballot was distributed to adopt the WEQ recommendation. The WEQ recommendation was adopted by the Executive Committee on June 25, 2010, but was subsequently rescinded and reviewed by the Executive Committee in light of the June 24, 2010 board resolution[17]. The revised WEQ phase one recommendation was approved via notational ballot on July 16, 2010 and ratified by the membership on August 20, 2010.

As part of the phase two effort, very few modifications were made to the phase one requirements specification for a common scheduling mechanism recommendation. No modifications were made to the date and time-based data elements and usage examples of those data elements included in the original recommendation and only a few modifications to the clarifying language included in the recommendation were offered. The subcommittee held three conference calls to refine the language included in the phase two recommendations and voted the recommendations out of subcommittee on October 14, 2010. The REQ Executive Committee reviewed and approved the REQ recommendation on February 2, 2011, and the recommendation was ratified by the membership on March 21, 2011. The WEQ recommendation was considered by the WEQ Executive Committee on February 1, 2011 and approved through notational ballot on February 18, 2011. The WEQ final action was ratified by the membership on March 21, 2011. As with the requirements specification for a common electricity product and price definition standard to support priority action plan 03, the REQ and WEQ phase two recommendations to support priority action plan 04 have been made nearly identical as there are no substantive jurisdictional implications in the implementation of the standards.

c. Priority Action Plan 09 – Standardized Demand Response and Distributed Energy Resources Signals

As with priority action plan 03 and priority action plan 04, NAESB was given the task of developing use cases and data requirement standards to support priority action plan 09. The Smart Grid Standards Development Subcommittee held their first meeting to address the priority action plan 09 obligations on September 2, 2009 to discuss the current external efforts that have been initiated related to demand response and distributed energy resources signaling. Within a month of the first meeting, and through the collaboration of shared participants in the NAESB subcommittee, Open Automated Demand Response (Open ADR) participants and members of the UCAiug, the subcommittee developed a document that described the contextual framework for demand response and was used to guide and prioritize the use case and data requirements analysis[18]. The document served as a basis for the REQ phase one draft recommendation.

During this time, the subcommittee became aware that a parallel effort to develop standardized demand response signals within the wholesale markets was underway within the Independent System Operator / Regional Transmission Organizations Council (IRC). In effort to eliminate duplicative work products and to leverage the subcommittee's and IRC's work to date, the subcommittee held a three-day face-to-face meeting where the two groups reviewed each others work and discussed the process by which the IRC project could be incorporated into the NAESB effort. At this meeting, the subcommittee determined that, given the structural and operational differences between the retail and wholesale markets, the subcommittee should develop coordinated yet separate recommendations for the two markets. This approach was facilitated by the joint development of a shared entity

[17] *See supra* note 5

relationship model, which has been included in all of the final actions to support priority action plan 03, 04 and 09 as an appendix, and through a common set of use case actors and definitions for both the retail and wholesale standards. A phased approach was used to develop the recommendations as described for priority action plan 03 and 04.

To develop the wholesale phase one recommendations the subcommittee held a total of twenty conference calls, two meetings and two informal comment periods between September 2009 and February 5, 2010 when the wholesale recommendation was unanimously voted out of the subcommittee and posted for the thirty-day formal comment period. As with the recommendations to support priority action plans 03 and 04, the phase one wholesale and retail recommendations were reviewed by the REQ and WEQ Executive Committees on June 7, 2010 in a single topic review session and considered for vote on June 16, 2010. The retail recommendation was adopted by the REQ Executive Committee during that meeting, and the wholesale recommendation was subsequently adopted via notional ballot on July 16, 2010, after reconsideration in light of the June 24, 2010 Board resolution[19].

Upon adoption of the phase one recommendation by the subcommittee, the recommendation was made available to the members of the OASIS Energy Interoperation Technical Committee so that they could begin their work to address their responsibilities related to priority action plan 09. As with priority action plan 03, the subcommittee immediately began phase two of the effort to both expand the data requirements that had been developed during phase one and to more closely align the wholesale and retail recommendations. As part of the phase two effort, the subcommittee held 13 conference calls and one two-day meeting to develop the recommendation, which was unanimously approved on October 14, 2010. The REQ Executive Committee reviewed and approved the REQ recommendation on February 2, 2011, and the recommendation was ratified by the membership on March 21, 2011. The WEQ recommendation was considered by the WEQ Executive Committee on February 1, 2011 and approved through notational ballot on February 18, 2011. The WEQ final action was ratified by the membership on March 21, 2011. The wholesale final action describes, through the use of diagrams, the requirements for standardizing the information exchanged during interactions between the System Operator and various Market Participants for the administration and deployment of demand response resources. The final action contains common terminology from the NAESB Measurement and Verification Standards for Demand Response and has been coordinated with the retail final action.

d. Master Data Element List

During the development of the phase two recommendations to support priority action plans 03, 04 and 09, the subcommittee determined that it would be beneficial to create a matrix containing the data elements identified in the priority action plans 03 and 09 recommendations. The purpose of the matrix is to identify specific applications of the data elements to the use cases developed in the recommendations to support priority action plan 03 and 09. To develop the matrix, the subcommittee held 19 conference calls and one meeting between March and October 2010. The matrix was reviewed by the WEQ and REQ Executive Committees in conjunction with the phase two recommendations to support priority action plans 03, 04 and 09 on February 1, 2011 and February 2, 2011, respectively. The REQ recommendation was adopted by the REQ Executive Committee on February 2, and ratified

[18] The Archived Framework for Integrated DR and DER Models is available at http://www.naesb.org/pdf4/smart_grid_ssd022510a1.doc

[19] *See supra* note 5

by on March 21, 2011. The WEQ recommendation was adopted the WEQ Executive Committee through notational ballot on February 18, 2011 and ratified on March 21, 2011. The REQ and WEQ final actions are identical and included all retail and wholesale data elements.

III. Priority Action Plan 10 – NAESB Energy Usage Information Model (timeline, freely available)

In January 2010, NAESB was asked by the SGIP to develop a survey regarding the current practice of usage communications between energy suppliers and consumers, including providers of intermediary services to initiate the process of developing a standard to support priority action plan 10. The Smart Grid Standards Development Subcommittee responded to the request and developed a survey that was distributed to the NAESB membership, among other recipients, on April 12, 2010 and returned on April 30, 2010. The subcommittee processed the results of the survey and made them available to the SGIP on July 30, 2010[20].

In May 2010, while the Smart Grid Standards Subcommittee was working on the survey, the SGIP renewed focus on the development of a single standard information model for energy usage to support priority action plan 10, and, as a result, the tasks assigned to the various standards setting organizations involved in priority action plan 10 were restructured. Through meetings held in conjunction with the spring 2010 SGIP meeting, NAESB was approached and asked to serve as the standards development organization to develop the information model and was asked to have the standard adopted through the NAESB standards development process by the end of the year. In response, the joint REQ and WEQ Smart Grid Standards Subcommittee on Priority Action Plan 10 was created and held its first meeting on June 22, 2010. The subcommittee was co-chaired by eight representatives from the UCA International Users Group, American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), ZigBee Alliance, National Association of Regulatory Utility Commissioners, EIS Alliance, OASIS, and the NAESB Wholesale and Retail Electric Quadrants. As requested by the SGIP, the subcommittee leveraged the work of an SGIP-developed white paper that proposed a straw model based upon the requirements of several existing work products, including specifications related to Open ADE 1.0, Smart Energy Profile 2.0 and the EIS Alliance Requirements document.

Between June 22, 2010 and August 31, 2010, when both the REQ and WEQ Energy Usage Information Model were unanimously adopted, the subcommittee held a total of fifteen conference calls and a one week informal comment period. The recommendations were reviewed by the WEQ and REQ Executive Committees on October 15, 2010 and considered for vote on October 22, 2010. The REQ recommendation was adopted by the Executive Committee during the October 22, 2010 meeting, and the WEQ recommendation was adopted through notational ballot on October 29, 2010. Both recommendations were ratified by the membership on November 29, 2010 and presented at the fall 2010 SGIP meeting the same week.

The resulting information models contained in both the REQ and WEQ recommendations are identical and were developed jointly by the NAESB to ensure compatibility while respecting the regulatory structure of the energy markets. The energy usage information model serves as a "seed standard" and focuses on the representation of energy usage information, which includes historic, present and future projected usage and load for specific time periods. The standard defines a common data format of classes and attributes to communicate

[20] The NAESB Smart Grid PAP10 Survey Results are available at http://www.naesb.org/pdf4/naesb_smart_grid_pap10_survey_results.pdf

information between utilities, third parties, and energy use customers, via customer devices and/or third-party energy services providers and enables the exchange of detailed energy information in a consistent format for use by all parties. On January 28, 2011 the SGIP Governing Board voted to approve the standards and recommended that they be considered for inclusion in the SGIP Catalog of Standards.

Other Smart Grid Related Standards Development Efforts Currently Underway

As previously noted, the NAESB energy usage information Model was developed to serve as a "seed" standard from which other standards and schemas may be developed. Within NAESB, the REQ Energy Services Provider Interface Task Force is currently developing a standard for the exchange of energy usage information between designated parties and will build upon the energy usage information model. The specification is targeted to apply to communications between utility providers, third parties and consumers, based upon the use cases and requirements identified in the 3PDA and Open ADE 1.0 specifications. The request for standards development was submitted by the Open ADE Task Force within the UCA International Users Group and the task force is co-chaired by representatives from Tendril and Xtensible Solutions. The effort is scheduled to be complete, at the task force level, by the end of the third quarter 2011.

The REQ is also addressing NAESB request R10012 submitted by Reliant Energy in December 2010, which calls for the development of model business practices that will set forth standards for the release of consumer information to third parties and the privacy policies and practices those third parties should employ. In response to the request, the REQ created the Data Privacy Task Force, which approved a recommendation that is currently out for the thirty-day formal comment period. The recommendation offers model business practices that incorporate many of the recommendations included in published reports on the subject by state commissions, the Department of Energy, the Department of Commerce, NIST and the FCC, among others. The task force, co-chaired by NARUC and the Public Utility Commission of Texas, met once more in June to develop a set of late comments in response to the comments received during the formal comment period for REQ Executive Committee consideration in a review session on June 30, 2011 and vote on July 7, 2011.

IV. Participation

As with all NAESB meetings, participation within the subcommittees and task forces that developed the smart grid related standards was open to anyone wishing to participate regardless of membership status. The NAESB practice of allowing non-members to draft and vote on standards at the subcommittee and task force level is in place to ensure compliance with the NAESB principles of openness and inclusivity and forms an important part of NAESB's American National Standards Institute accreditation. Participation in all NAESB meetings and conference calls is made freely available to anyone within the continental United States through telephone and web based participation in addition to the option to submit comments during the standards development process. These policies played a vital role in the development of the NAESB smart grid standards, as a majority of participation was from non-members and, in some cases, from those outside of the traditional energy industry.

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November 30, 2010

TO: NAESB Board of Directors and Executive Committee
FROM: Rae McQuade
RE: Schedule of 2011 Meetings

Below is the schedule of 2011 meetings for the Board of Directors, Advisory Council and Executive Committee.

2011 Calendar of Board and Advisory Council Meetings

Date	Meeting	Location
February 12	Advisory Council Meeting	Washington D.C. – Renaissance Washington Hotel (in conjunction with NARUC Winter Meeting)
March 24	Board of Directors	Houston Marriott North at Greenspoint, 255 North Sam Houston Parkway East, Houston, Tx 77060 Phone: 281-875-4000 8 miles from IAH Intercontinental Airport, airport shuttle provided every 30 minutes
June 23	Board of Directors	Houston Marriott North at Greenspoint
September 22	Board of Directors, Meeting of the Members and Strategic Session	Four Seasons Hotel (Downtown) 1300 Lamar Street Houston, TX 77010 Phone: 713-652-6241 21.5 miles from IAH Intercontinental Airport, 18 miles from William P. Hobby Airport
December 8	Board of Directors	Four Seasons Hotel (Downtown)

2011 Calendar of Executive Committee Meetings

Date	Meeting	Location
February 1-3	Executive Committee (WEQ, Retail, WGQ)	Host Salt River Project, Phoenix, AZ
February 24-25	Leadership Seminar (WEQ, Retail, WGQ)	Mirage Hotel, Las Vegas
May 3-5	Executive Committee (WEQ, Retail, WGQ)	Host Aces Power, Carmel, IN
August 16-18	Executive Committee (WEQ, Retail, WGQ)	Host El Paso Western Pipeline, Colorado Springs, CO
October 25-27	Executive Committee (WEQ, Retail, WGQ)	Host Dominion, Richmond, VA

Notes:

1. The Retail Executive Committee meetings will be held by conference call and web cast unless otherwise determined by the retail leadership.
2. For each of the Board meetings, a dinner will be held the night before at the Petroleum Club in the Exxon Building, 800 Bell Street, 43rd Floor.
3. Board members are encouraged to attend the leadership seminar as well.

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October 17, 2011

TO: NAESB Board of Directors and Executive Committee
FROM: Rae McQuade
RE: Schedule of 2012 Meetings

Below is the schedule of 2012 meetings for the Board of Directors, Advisory Council and Executive Committee.

2012 Calendar of Board and Advisory Council Meetings

Date	Meeting	Location
February 4	Advisory Council Meeting	Washington D.C. – Renaissance Washington Hotel (in conjunction with NARUC Winter Meeting)
March 22	Board of Directors	Houston, TX – Hotel TBD
June 21	Board of Directors	Houston, TX – Hotel TBD
September 20	Board of Directors, Meeting of the Members and Strategic Session	Houston, TX – Hotel TBD
December 6	Board of Directors	Houston, TX – Hotel TBD

2012 Calendar of Executive Committee Meetings

Date	Meeting	Location
February 21-23	Executive Committee (WEQ, Retail, WGQ)	Host Salt River Project, Phoenix, AZ
May 1-3	Executive Committee (WEQ, Retail, WGQ)	Host Aces Power, Carmel, IN
August 21-23	Executive Committee (WEQ, Retail, WGQ)	Host El Paso Western Pipeline, Colorado Springs, CO
October 23-25	Executive Committee (WEQ, Retail, WGQ)	Host TBD

Notes:

1. The Retail Executive Committee meetings will be held by conference call and web cast unless otherwise determined by the retail leadership.
2. For each of the Board meetings, a dinner will be held the night before at the Petroleum Club in the Exxon Building, 800 Bell Street, 43rd Floor.