



North American Energy Standards Board

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Home Page: www.naesb.org

January 27, 2010

NAESB AT A GLANCE: MONTHLY UPDATE

NETWORK INTEGRATION TRANSMISSION SERVICES: Mr. Wood, co-chair of the Wholesale Electric Quadrant (WEQ) OASIS subcommittee, provided an update on that group's recent efforts. He stated that OASIS is currently incorporating the first round of informal stakeholder comments into the proposed business practice standards found in WEQ-001. The OASIS systems that utilities use to manage the electronic scheduling of wholesale electricity were designed to support point-to-point transmission services and will be revised to support NITS. – a significant undertaking that will add a new function and related set of standards to the already considerable number of standards supporting OASIS. Since the group is creating these standards from whole cloth, Mr. Wood anticipates the technical (WEQ-002), data dictionary (WEQ-003), and implementation guide (WEQ-013) standards to materialize quickly once the WEQ-001 effort is complete. The project is targeted for an early 2Q date for submission to the WEQ Executive Committee (EC).

DEMAND RESPONSE AND ENERGY EFFICIENCY: Mr. True, NAESB Board member, chair of the WEQ Wholesale Demand Response (DR) task force, and co-chair of the WEQ/REQ Demand-side Management and Energy Efficiency (DSM-EE) subcommittee, updated recent progress in these areas. For Wholesale DR, the a task force set up by the WEQ EC to help streamline development made two recommendations that were adopted by the WEQ EC – to focus on the ability to extend the standards to address more technical issues that were in the first phase left to the operator's discretion, and to review the standards for performance obligation to determine if guidelines can be developed to add more uniformity as new DR products and services are introduced to the market . The WEQ Phase 2 DR task force has met four times since the recommendations were made and are working diligently to prepare the standards and guidelines noted and are accomplishing such by dividing into smaller single focus work groups for (1) Glossary; (2) Performance Evaluation Methodology; and (3) Business Practice. Each group will work independently and meet monthly on an ongoing basis.

The Retail DR work group is continuing its Phase II efforts, with its work efforts now focused on extending the retail standards to address the comments that were submitted in Phase 1. For the EE effort, a joint effort between wholesale and retail electric interests, the effort began in January. While the retail work group is taking the lead in drafting standards and their first draft should be reviewed on February 23, the retail and wholesale development in occurring in tandem. The wholesale effort should begin shortly and the work will be based on the existing wholesale EE programs in effect today.

SMART GRID: Mr. Hodges, co-chair of the Smart Grid Standards task force, provided an update on recent Smart Grid developments. This group is concentrating on the following NIST Priority Action Plan (PAP) items: PAP 3 (price communication model); PAP 4 (common scheduling mechanism); PAP 9 (standardization of demand response and DER signals); and PAP 10 (standard energy usage information). The Smart Grid task force will be voting on recommendations for PAPs 3, 4 and 9 in February, after which work will continue to provide more granularity on the business practices and information requirements in phase 2 of the development. Once the recommendations have been adopted by the subcommittee and considered by the WEQ EC and Retail Electric Quadrant EC, phase 1 of the development will be provided to several other standards and related groups including OASIS, CalConnect, FIX Protocol and IETF, who will use the work as input to their standards development. As can be seen, the development work requires a number of liaisons with other groups and is iterative in nature. This ongoing work is accessible via the following hyperlink: (http://www.naesb.org/smart_grid_standards_strategies_development.asp). Reciprocal memberships between NAESB and OASIS and between NAESB and FIX Protocol are in the works. The reciprocal memberships should provide a strong basis for collaborative and coordinated work products to support Smart Grid applications.



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FERC ORDER NOS. 712 and 712A: Mr. Buccigross, NAESB Board member and Vice Chair of the Wholesale Gas Quadrant (WGQ), provided an update of activities related to FERC Order Nos. 712 and 712-A. Issued in 2008, the orders removed the rate cap on short-term capacity release transactions and allowed asset management arrangements to manage capacity. He stated that since these orders had greatly impacted the WGQ standards, data sets, and data elements, significant time and effort was required to make the standards consistent with the regulations. These modifications have been incorporated into Version 1.9, which was submitted to the FERC September 2009, pending its consideration. A notice of proposed rulemaking on Version 1.9 was issued by the FERC in November of 2009.

TLR AND PARALLEL FLOW VISUALIZATION: Ms. McQuade, NAESB President, stated that this effort is The goal of the Parallel Flow Visualization Transmission Loading Relief (PFV – TLR) is to address three issues: (1) the use of static data in Native and Network Load calculation, (2) Reliability Coordinators in Eastern Interconnection lack visualization as to the source and magnitude of parallel flows when they experience congestion, and (3) priorities of generation to load impacts during firm curtailment. The PFV-TLR will provide a more accurate and efficient means of curtailing electricity using parallel flow visualization to identify how much and what services should be curtailed. In today’s environment, the IDC (Interchange Distribution Calculator) uses static data that may not provide as accurate a picture of the electricity flows depending on how much the data has changed since it was processed in the calculator. The data, resident in System Data Exchange files, may be refreshed as often as every 20 minutes, or where it is not expected that the data will change, as infrequently as once a day. The project is a collaboration of NERC and NAESB activities and provides another of example of the effectiveness of joint development between the two organizations.

She noted the PFV-TLR project will continue its efforts into 2011, including (1) NAESB identification of the generation-to-load flows priorities to be collected for the IDC, (2) working with NERC to have the IDC ready to accommodate the increased frequency and additional granularity of the data in the appropriate priorities – firm or non-firm service, (3) a 12-18 month testing by NERC, and (4) any fine tuning of the IDC and priority assignments by both NERC and NAESB resulting from the tests. The IDC testing should begin in November of this year.

Mr. True added that this effort is primarily focused on congestion that occurs in the existing boundaries between balancing authorities in the Eastern Interconnection.

WEQ RESTRUCTURING: Ms. McQuade announced that a new segment of the WEQ Quadrant has been formally ratified: the Technology and Services Segment. She stated that this new segment, which is not yet fully populated, will permit the WEQ to better accommodate Smart Grid, DR, and renewable energy integration efforts into the future. Notice of this opportunity to participate in NAESB activities will be provided to technology companies shortly.

UPCOMING MEETING ANNOUNCEMENT: Ms. McQuade provided the upcoming Board and EC meeting schedule and served a reminder that NAESB’s annual Advisory Council meeting will be held in conjunction with the Winter NARUC meeting in Washington D.C. on February 13, 2010.



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NAESB Monthly Update Conference Call, Participant List

January 27, 2010

FIRST NAME	LAST NAME	ORGANIZATION
Lee	Pedowicz	Northeast Power Coordinating Council
Jonathan	Booe	NAESB
Rae	McQuade	NAESB
James	Culliton	NAESB
Diane	Barney	NY State Department of Public Service
John	Troha	Southeastern Electric Reliability Council
Bob	Schwermann	OATI
Dave	Eichenlaub	VA State Corporation Commission
Tara	Liscomb	Louis Dreyfus
Lisa	Simpkins	Constellation Energy
Dan	Norfolk	Maryland PSC
Tom	Beay	Equitrans
Alan	Johnson	NRG
Marvin	Rosenberg	
Jennifer	Ferris	
Chris	Fan	ConEdison
Judy	Ray	Alabama Power
Jim	Buccigross	8760 Inc.
Manisha	Aggarwal	Portland Natural Gas Transmission System
Lisa	Stuart	PUC Ohio
Philip	Bedingfield	Georgia PSC
Hasnah	Mat-Amin	Western Electricity Coordinating Council
Ray	Phillips	Alabama Municipal Electric Authority
Marilyn	Franz	NV Energy
Annunciata	Marino	Pennsylvania PUC
Kathryn	Burch	Spectra Energy Transmission
Bill	Gallagher	Vermont Public Power Supply Authority
Brent	Hodges	Reliant Energy
Veronica	Jones	US Defense Energy Support Center
Alan	Pritchard	Duke Energy
JT	Wood	Southern Company
Barbara	Rehman	Bonneville Power Administration
Roy	True	ACES Power Marketing
Marcie	Otondo	Arizona Public Service Company
Christopher	Burden	Williams Gas Pipeline