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August 25, 2016

NAESB UPDATE CONFERENCE CALL

WGQ & WEQ UPDATE ON GAS-ELECTRIC HARMONIZATION ACTIVITIES AND FERC ORDER NO.

809: Ms. Crockett, Chair of the WGQ, provided the update. As reported in an August 15, 2016 NAESB press release, NAESB filed a status report with FERC on July 29, 2016, supplementing previous filings made by NAESB in August and December 2015. The informational filing updates the Commission on actions taken within NAESB to address the Commission's request in FERC Final Order No. 809, Coordination of the Scheduling Processes of Interstate Natural Gas Pipelines and Public Utilities (Docket No. RM14-2-000), issued on April 16, 2015. The report highlights the efforts of the NAESB Gas-Electric Harmonization Forum, reconvened by the Board of Directors to address the Commission's request. Through a series of meetings and an industry wide survey, the Forum identified several areas for potential standards development that resulted in five items that were added to the 2016 WGQ and WEQ Annual Plans by the Board of Directors in June. Additionally, three other annual plan items were added in response to industry submitted standards requests, R16003, R16004, and R16007. These annual plan items propose potential standardization in areas related to the existing communication protocols between parties to a transaction, the use of terminology, information sharing practices and the current confirmation methodologies that support the existing nomination and confirmation process. The work to address the new annual plan items is currently underway in the WGQ Business Practice Subcommittee (BPS). As noted in the most recent status report to FERC, NAESB will continue to update the Commission as it makes progress towards reaching its goal of submitting standards or a report on standards development to the FERC by October 17, 2016.

WEQ & WGQ UPDATE ON FERC FORMS SUBCOMMITTEE: Mr. Brooks, Co-Chair of the WEQ/WGQ FERC Forms Subcommittee, provided the update. The WEQ/WGQ FERC Forms Subcommittee continues to hold regular meetings. Per the request of FERC staff, the subcommittee is focusing its efforts on FERC Form 1 and foundational issues for the project. The subcommittee last met on August 24, 2016. During the meeting, the subcommittee discussed internal form referencing for the various fields, the use of references to the various FERC Forms in additional filings, such as formula rates, and validation messages, errors, and warnings. FERC staff continues to closely monitor this NAESB effort and participate in the subcommittee meetings. The next meeting of the FERC Forms Subcommittee is a conference call scheduled for September 16, 2016.

FERC NOPR RE: VERSION 003.1 WEQ BUSINESS PRACTICE STANDARDS: Ms. York, Chair of the WEQ Executive Committee, provided the update. On July 21, 2016, the FERC issued the Notice of Proposed Rulemaking (NOPR), Standards for Business Practices and Communication Protocols for Public Utilities, in Docket No. RM05-5-025. The NOPR proposes to incorporate by reference, with certain exceptions, Version 003.1 of the NAESB WEQ Business Practice Standards as well as list informationally as industry guidance the updated Smart Grid Business Practice Standard, WEQ-019 Customer Energy Usage Information Communication. Published on September 30, 2015, the WEQ Version 003.1 Business Practice Standards include standards to support FERC directives contained in Order Nos. 676-H, 676-E, 890, and 764, the new WEO-022 Electric Industry Registry Business Practice Standards, and standards modifications to maintain coordination with NERC. Included in the publication, but specifically excluded from the NOPR, the Commission explained that the WEQ-023 Modeling Business Practices are not being proposed for incorporation by reference, but will be considered as part of an overall inquiry into Available Transfer Capability (ATC). The Commission is currently considering NERC's proposed retirement of its ATC-related reliability standards filed in Docket No. RM14-7-000. In the meantime, the Commission announced the creation of Docket No. AD15-5-000 to consider proposed changes to the calculation of ATC. Additionally, concerning the WEO OASIS suite of Business Practice Standards on the treatment of redirects for transmission service from conditional parent reservations, the Commission invited comments on whether to apply its policy concerning redirects from a Dynegy order to conditional and non-firm redirects. As part of this effort, the Commission also requested that parties comment on the four redirect-related issues that did not gain a consensus within the NAESB process.

WEQ UPDATE ON NERC/NAESB/IDC COORDINATION: Ms. York, Chair of the WEQ Executive Committee, provided the update. NAESB continues its monthly coordination calls with NERC to ensure the organizations stay in lock-step regarding issues that touch upon commercial and reliability aspects for the wholesale electric industry.



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Recent discussions have focused on Standards Request R16002, submitted by NERC earlier this year. In the request, NERC indicates that it is considering the retirement of its NERC BAL-004 Time Error Correction Reliability Standards and proposes that NAESB consider the reservation of its complimentary WEQ-006 Manual Time Error Correction Business Practice Standards. NAESB and NERC staffs have also been in communication with FERC staff regarding how best to coordinate any potential filings made by the organizations on this issue. An additional topic of discussion during the coordination calls is Standards Request R16008. This request, submitted by WEQ leadership, proposes modifications to WEQ-004 Coordinate Interchange Business Practice Standards to incorporate requirements related purchase-selling entities and dynamic tagging currently found in the NERC Reliability Standards. FERC has previously approved NERC's request to eliminate the purchase-selling entity as a role in the NERC Compliance Registry.

WEQ UPDATE ON THE OASIS SUBCOMMITTEE ACTIVITIES: Ms. Mallett, NAESB Deputy Director, provided the update. On August 18, 2016, the formal industry comment period on the recommendation for 2016 WEQ Annual Plan Item 5.b/R09015 concluded with four comments submitted. The annual plan item and the standards request call for the creation of a new OASIS mechanism, "Consolidations," that allow for the merger of like reservations without the use of the resale mechanism. Due to the complexity of the draft recommendation, the subcommittee held a well-attended informational call on August 8, 2016 in order to facilitate the commenters during the informal comment period that was held from May 26, 2016 to July 8, 2016. Additionally, in response to FERC Order No. 890 and the NAESB Standards Request R05019, the WEQ OASIS Subcommittee is continuing its work to formalize the process of short-term firm preemption and competition on OASIS.

WEQ UPDATE ON THE COORDINATE INTERCHANGE SCHEDULING SUBCOMMITTEE: Ms. York, Chair of the WEQ Executive Committee, provided the update. On August 16, 2016, the WEQ Executive Committee adopted a recommendation developed by the WEQ Coordinate Interchange Scheduling Subcommittee (CISS) in support of 2016 WEQ Annual Plan Item 5.d – Review and modify as necessary WEQ-004, EIR Business Practice Standards, e-Tag Specification, and e-Tag Schema to make the necessary modifications to recognize the Market Operator Role within the Electric Industry Registry. As part of the recommendation, the WEQ Executive Committee adopted a new version of the e-Tag Specification and Schema documents. The WEQ CISS will now work to develop an implementation plan for the e-Tag Specification and Schema documents as well as set an implementation date. Additionally, the subcommittee is working to address Electric Industry Registry (EIR) Enhancement Request ER16001 proposing modifications to the registration of pseudo-ties within the EIR and meeting jointly with the WEQ BPS to address Standards Request R16008. The request, submitted by WEQ leadership, proposes that requirements related to the responsibilities of the purchase-selling entity for dynamic tagging be considered for incorporated into the WEQ-004 Coordinate Interchange Business Practice Standards. FERC recently approved NERC's proposal to remove the purchase selling entity as a role in the NERC Compliance Registry. The next joint meeting of the WEQ BPS and CISS is a conference call on September 6, 2016.

RMQ OPEN FIELD MESSAGE BUS (OPENFMB): Ms. Mallett, NAESB Deputy Director, provided the update. As announced in a March 15, 2016 NAESB press release, the RMQ.26 – OpenFMB Model Business Practices were published in Version 3.1 of the NAESB RMQ Model Business Practices on March 31, 2016. Ratified by the NAESB membership on March 7, 2016, the OpenFMB Model Business Practices leverage a non-proprietary and standards-based reference architecture platform to expand interoperability for intelligent field devices on the grid. The primary focus of the OpenFMB model business practices – which includes business practices, several models, and schemas – is to provide a standard framework specification to guide the industry on how OpenFMB devices can be implemented to drive field device interoperability. Currently, the OpenFMB project is being addressed within the Smart Grid Interoperability Panel (SGIP) where additional use cases are being developed and tested to address distribution automation, distributed energy resources, and other distribution system-related business drivers. Once the use cases are finalized, the chairs of the NAESB OpenFMB Task Force anticipate submitting a standards request for further standards development efforts in order to incorporate the new use cases into the next version of the NAESB RMQ Model Business Practices. Additionally, the RMQ Executive Committee has proposed an additional item to the 2016 RMQ Annual Plan Item 5.b to be completed by the OpenFMB Task Force regarding the development of security model business practices as necessary for the OpenFMB architecture.



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RMQ UPDATE ON RETAIL NET METERING STANDARDS DEVELOPMENT EFFORT: Ms. Mallett, NAESB Deputy Director, provided the update. NAESB is pleased to announce the completion of the NAESB Retail Net Metering Model Business Practices. Initiated in October of 2013, the Retail Net Metering effort began with the development of a definition for the term Retail Net Metering. Since that time, the RMQ BPS and RMQ IR/TEIS have revised four RMQ books to include Model Business Practices and Electronic Data Interchange (EDI) transaction standards to support Retail Net Metering: RXQ.3 – Billing and Payments in Competitive Energy Markets (Book 3), RXQ.8 – Retail Customer Information Model Business Practices (Book 8), RXQ.10 – Customer Enrollment, Drop, and Account Information Change (Book 10), and RXQ.11 – Customer Enrollment, Drop, and Account Information Change Using a Registration Agent (Book 11). As there are a myriad of differing implementations of net metering arrangements and variations in policy decisions by state commissions on the subject, the RMQ Executive Committee limited the scope of the NAESB Retail Net Metering project to metering data in competitive markets where net metering is available.

REGULATORY ACTIVITIES AND BOARD OF DIRECTORS MEETING UPDATE: Mr. Booe, NAESB Executive Vice President and Chief Administrative Officer, delivered the update. The next meeting of the Board of Directors will be held on September 1, 2016. This meeting will include the annual meeting of the members and strategic session of the organization. The strategic session will be moderated by Terry Thorn and panelist include Linda Breathitt, Vicky Bailey, Wayne Gardner, Pat Wood, Lorraine Cross, Branko Terzic and Christine Wright. Regarding regulatory activities, on June 23, 2016, FERC issued a notice granting a limited extension of time regarding FERC Order No. 676-H directives that required transmission providers to comply with standards related to the Network Integration Transmission Service (NITS) in Version 003 of the WEQ Business Practice Standards. The notice extends the compliance filing date and the deadline related to the posting and documenting of NITS arrangements to February 1, 2017 and the deadline for full compliance implementation of all NITS related standards and requirements to March 1, 2017.

NEXT CONFERENCE CALL: The next NAESB Update Conference Call is scheduled for October 5, 2016 from 1:00 PM - 2:00 PM Central. The agenda and any work papers will be posted on the NAESB Update Call page of the NAESB website, accessible at the following link: http://www.naesb.org/monthly-update.asp. We hope you can join us. If there are particular topics you would like to see covered or if you would like to receive additional information, please contact the NAESB Office by phone at (713) 356-0060 or email at naesb@naesb.org.

NAESB Update Conference Call Participant List August 25, 2016 at 1:00 PM Central		
Wes Barber	Southern Company Services	
Rebecca Berdahl	BPA	
Jonathan Booe	NAESB	
Andrea Brackett	TVA	
Dick Brooks	ISO-New England	
Donald Coffin	Green Button Alliance	
Michelle Coon	OATI	
Valerie Crockett	TVA	
Dale Davis	Williams	
Angela Dunn	NextEra Energy Pipeline Services	
Keith Flynn	TransCanada Pipelines	
Marilyn Franz	NV Energy	



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Joe Hartsoe	AEP
Cory Herbolsheimer	NV Energy
Eva Hunt	Avista Corporation
Dan Jones	Duke Energy
Jill Jones	MEAN
Veronica Jones	Defense Logistics Agency Energy
John Klein	Links Technology Solutions
Gary Kravis	Links Technology Solutions
Stuart Laval	Duke Energy
Scott Lewter	Duke Energy
Laurie MacDonald	Central Gas Manitoba
Kathleen Magruder	BP Energy
Elizabeth Mallett	NAESB
James Manning	NCEMC
Steve McCord	Columbia Gas Transmission
Sherri Monteith	AEP
Jerrod Montoya	OATI
Christi Nicolay	Macquarie Energy
Chris Norton	AMP
Sheldon Perry	OATI
Joshua Phillips	SPP
Alan Pritchard	Duke Energy
Ken Quimby	SPP
Deepak Raval	NiSource
Valerie Salas	Cheniere Pipeline Company
Oscar Santilla	FERC Staff
Lisa Simpkins	Exelon Generation Company
Anne Sutton	Dominion Resources
Patrick Tronnier	OATI
Caroline Trum	NAESB
Kim Van Pelt	Boardwalk Pipeline Partners
Luke Whiting	FPL
JT Wood	Southern Company Services
Kathy York	TVA
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Randy Young	Boardwalk Pipeline Partners