



North American Energy Standards Board

1301 Fannin, Suite 2350, Houston, Texas 77002
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Home Page: www.naesb.org

TO: NAESB Wholesale Electric Quadrant Executive Committee, Posting for Interested Industry Participants

FROM: Rae McQuade, NAESB Executive Director

RE: NAESB Wholesale Electric Quadrant Executive Committee Meeting Final Minutes – April 8, 2003

DATE: May 7, 2003

**Wholesale Electric Quadrant Executive Committee
Tuesday, April 8, 2003
9:00 a.m. to 4:00 p.m. Eastern**

1. Welcome

Mr. Corneli called the meeting to order and thanked Florida Power & Light for hosting the meeting. Mr. Oncken gave the antitrust advice. Participants introduced themselves.

2. Wholesale Electric Quadrant Draft Agenda & Draft Minutes

Mr. Corneli reviewed the draft agenda. Absent objection the agenda was approved by general consent.

Mr. Hughes moved, seconded by Mr. Gildea, to adopt the draft WEQ Executive Committee minutes from February 18, 2003 as final, with minor modifications. The motion passed unanimously.

3. Election of Second Vice Chair

Mr. Corneli explained the Second Vice Chair of the WEQ Executive Committee would assist with the leadership responsibilities of the WEQ EC. Mr. Oberski and Mr. Cobb were nominated for the position. The election was held through private ballot. Mr. Cobb was named as the Second Vice Chair of the WEQ Executive Committee.

4. Report on Subcommittee Restructuring Discussions

Mr. Corneli noted WEQ subcommittee structure and annual plan assignments were open issues from the February Executive Committee meeting. He explained the WEQ subcommittees are structured differently than the other quadrants' subcommittees. He stated it was suggested at the February meeting to restructure the subcommittees to be more inline with the functional design of the other quadrants. Mr. Corneli stated the subcommittee leadership has met and discussed options for reorganizing the WEQ subcommittees. However, it was decided to maintain the current structure but continue to monitor the situation. Ms. Paravalos noted the annual plan development process might provide a good vehicle for monitoring the subcommittee structure.

5. Report on Inter-organizational Issues

Mr. Corneli noted several 2003 WEQ Annual Plan items are being worked on by organizations outside of NAESB as well. Mr. Corneli stated the WEQ has attempted to coordinate its activities on the items with the activities being undertaken by the other organizations.

NERC-NAESB-ISO Council MOU: Mr. Desselle presented on the restated NERC-NAESB Memorandum of Understanding (MOU), which now includes the ISO Council. Mr. Desselle stated the NAESB Board of Directors approved the MOU during its March 20, 2003 meeting, and it is anticipated the counterparties will approve the MOU shortly. Mr. Desselle explained the restated MOU 1) brings NERC, NAESB and the ISO Council together to coordinate annual planning efforts



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for each of the organizations; and 2) provides the organizations implementing standards with a voice in the decision of whether NERC or NAESB will develop a particular standard. He noted the logistics of annual plan coordination have not been finalized, but added a team has been established to brainstorm ideas for the next Joint Interface Committee (JIC) meeting.

Participants discussed various aspects of the MOU. The role of the ISO Council was discussed. It was noted the ISO Council is an independent organization that could presumably undertake action beyond the coordination aspect of the MOU. It was suggested that a member of the ISO Council be invited to participate in the next WEQ Executive Committee meeting, so that EC members can get a feeling for the organization, including its mission, membership, and focus. Mr. Desselle noted the ISO Council's charter is posted and details the membership requirements. Additionally, Ms. Hain read portions of the ISO Council charter, as posted on the NAESB web site, to provide general information and address some of the stated concerns.

ESC transition plan: Mr. Corneli stated the MOU contemplates the work of the Electronic Scheduling Collaborative (ESC) being carried out through either NERC, NAESB, or the ISO Council. He reasoned the proposed organization would aid in minimizing duplicated efforts. He noted the ESC has been encouraged to develop a method to summarize its current work and distribute that work to the MOU parties.

Mr. Simonelli, chairman of the ESC, reported on the ESC and OSC's efforts to complete their work and create transition mechanism. Mr. Simonelli explained the work being done by the ESC is background information to determine where standards are needed. Mr. Simonelli projected the work would be completed in the third quarter of 2003. For the transition plan, Mr. Simonelli stated the ESC envisions a report sent to the JIC containing a set of options for moving forward, not a recommendation on which body should continue the work of the ESC. Mr. Desselle stated the inclusion of the ESC and OSC as a NAESB subcommittee has been discussed. He stated this transition would provide value to the ESC and OSC members because they have an interest in seeing their work come to completion. Mr. Desselle stressed the value NAESB puts on the work completed by the ESC. Mr. Simonelli stated the transition plan would lay out the options for the future of the ESC, and hopefully the JIC would be able to determine the best solution.

Participants discussed whether the JIC was the correct body to review and rule on the transition plan. Mr. Johnson suggested asking the JIC to complete the review would exceed the scope of the organization. Mr. Desselle stated that since the MOU specifically recognizes the functions of the ESC and OSC need to be incorporated into the functionally appropriate organization, it might be proper for the JIC to consider the transition plan. Mr. Corneli noted a procedural problem with submitting the transition plan to the JIC, because the only way an issue gets to the JIC is through one of the member organizations via a standards request or annual plan. Ms. Hain suggested the transition plan be submitted to NERC, NAESB and the ISO Council, and then those organizations could develop their annual plans based on the ESC/OSC transition plan. Ms. McQuade commented Ms. Hain's suggestion is consistent with the procedures outlined in the MOU. As such, it was suggested the transition plan be forwarded to Mr. Desselle, Mr. Museler, and Mr. Cook.

Seams efforts in West and Northeast: Mr. King presented an overview of the seams issues in the Northeast. [Mr. King's presentation is posted on the NAESB web site as a work paper for this meeting.] It was noted similar seams issues are present in the West, but a presentation on Western Issues was not presented at the meeting.

Mr. King defined seams issues as barriers and inefficiencies resulting from equipment limitations and differences in market rules and designs, operating and scheduling protocols, and other control area practices which inhibit or preclude the ability to transact capacity and energy across control



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area boundaries. He went on to provide examples of spatial, temporal, and administrative seams. He explained addressing seams issues was important because seams can have an adverse impact on market liquidity and market optimization. However, he noted seams are a necessary feature in the transition to an open market, because they reflect the historical development of the grid and recognize political and international boundaries.

He stated to eradicate seams totally would require a merger of all existing systems into one system. While that is unlikely, he said a unified system could be used as a model that seams reducing initiatives could be measured against, with the measure being whether the proposal brings the grid closer to the benchmark. Additionally, he stated in the Northeast organizations are seeking the largest impact for the least capital expenditure when working on seams solutions. Mr. King reviewed the major initiatives for seams reduction currently underway in the Northeast.

Ms. Paravalos inquired about the impact of sequencing time schedules on the standardization efforts of the Electric Trading Task Force (ETTF) regarding the electric trading day. Mr. Johnson stated the benefits of sequencing have not been presented to the ETTF. Mr. King stated the ISOs studied the issue early on, and decided not to standardize the day. Mr. King said this was an example of where the simple solution might be to standardize, but efficiencies might be lost. Regarding sequencing, Mr. Meade asked if there was a consensus among the ISOs as to what the sequence should be and the reasons for that consensus. Mr. King responded the sequencing arose as a consequence of individual market design, not a determination of an optimal solution. However, he stated the question should be whether the markets can be better synchronized moving forward.

Critical Infrastructure Protection Action Group: Mr. Buccigross reported on the progress of NERC's Critical Infrastructure Protection Action Group (CIPAG). He explained CIPAG is working on two efforts: 1) a cyber-security standards request (SAR) for electric reliability, tab 5 of the meeting materials; and 2) the Public Key Infrastructure (PKI) Initiative, tab 2 of the meeting materials.

Participants discussed the cyber-security urgent action SAR. Mr. Corneli noted that FERC has clearly identified NERC as the point organization for the development of cyber-security standards. Mr. Desselle noted the urgent action SAR will last for one year, with the option to renew for an additional year. Mr. Desselle stated CIPAG will likely develop a permanent SAR during that timeframe.

Mr. Buccigross explained the PKI Initiative involves the development of an electronic communications infrastructure for tagging purposes. However, it was noted that once complete, the infrastructure could be used for transactions outside of tagging, much like NAESB EDM is used for wholesale gas transactions. Mr. Buccigross stated once the original system was implemented, adding the ability to use PKI for other transactions would result in an incremental cost that would be less than the implementation cost for an entire system. Given that, Mr. Buccigross stated NAESB could see a standards request for the development of a PKI specification for a business purpose.

Mr. Buccigross explained NAESB EDM and PKI are distinct methods to encrypt, send and receive data, but they are not necessarily mutually exclusive. Mr. Buccigross noted GISB reviewed the use of PKI during development of EDM in 1995 and 1996. However, he said the technology was not sufficiently developed at that time.

Mr. Green stated the PKI Initiative will follow the NERC process for SAR development. As such, it was noted the Standards Review Subcommittee and NAESB JIC members would likely monitor the SAR development. Additionally, Mr. Corneli stated the MOS has developed a task force to look at CIPAG issues. Mr. Oberski stated the task force, while established, has not begun work.



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PKI Initiative: Please see discussion of CIPAG.

6. Subcommittee Updates and 2003 Annual Plan

Contracts Subcommittee: Mr. Johnson provided an update on the Contracts Subcommittee. He stated the Contracts Subcommittee has met twice since the last Executive Committee meeting to take action on the work of the FTAA Task Force and Master Service Agreements (MSA) Task Force. He noted there were no currently scheduled task force meetings.

Mr. Johnson stated the Contracts Subcommittee approved submission of the standards request for the power FTAA to the JIC during its March 5, 2003 meeting. Subsequently, the Contracts Subcommittee held a conference call on March 24, 2003 to act on the JIC's March 21, 2003 assignment of the standards request to NAESB for further development. Mr. Johnson stated that during the conference call it was determined the standards request was ready for posting and the mandatory public comment period. Mr. Johnson stated the public comment period for the FTAA will end on April 30, 2003 and the FTAA will be submitted for consideration as the first WEQ standard at the June Executive Committee meeting.

Mr. Johnson stated the MSA reported its efforts to catalogue and highlight the differences between the EEI and WSPP master agreements at the March 5 Contracts Subcommittee meeting. During the meeting, the Department of Energy's (DOE) desire for a standard contract developed through an ANSI standards development process was discussed. Mr. Johnson stated the Contracts Subcommittee decided to 1) not create a third contract which combined aspects of both the EEI and WSPP agreements; and 2) ask the task force to consider other ways to address the concerns of the DOE without developing a NAESB contract.

Participants discussed the need for a NAESB standard contract. Views on both sides of the issue were expressed. Mr. Desselle stated the idea of modifying an existing contract has been discussed, such that the NAESB contract would replace an existing contract, not be a competing contract. If development were to take that path, he said the EEI contract would likely be modified since EEI has stated their contract is ripe for revision. Mr. Desselle stated direction to the Contracts Subcommittee on a NAESB standard contract would come in the form of a standards request, probably from the DOE or GSA. Mr. Norris suggested the possibility of not creating a standard contract was very disturbing.

Mr. Johnson stated ISDA representatives are involved in the Contracts Subcommittee, but it was discovered at the March meeting that planned work on the ISDA Power Annex will not occur. Mr. Johnson noted ISDA and EEI have developed a power annex which is near completion.

Market Operations Subcommittee: Mr. Oberski reported on the progress of the Market Operations Subcommittee (MOS). Mr. Oberski stated the MOS met on March 6, 2003 to review the work of its task forces, the Electric Trading Task Force (ETTF) and Inadvertent Interchange Payback Task Force (IIPTF).

Mr. Oberski stated for the IIPTF, the MOS reviewed a standards request and approved its submission to the JIC for consideration at its March 21, 2003 meeting. He stated the JIC reviewed the standards request and assigned the request to NAESB for additional development. Mr. Oberski noted the substantive standards development work would begin on April 9, 2003 and proceed on a fairly aggressive schedule.

Participants discussed development of the IIPTF standards. Mr. Corneli stated the task force should have input from an RTO and market reliability organization to produce a balanced standard. He noted the IIPTF standard has the potential to create a commodity-like product that is currently without charge. Ms. Paravalos agreed with Mr. Corneli's statements and suggested the task force



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take additional steps to assure the balance of the group, such as reviewing the composition of the task force and soliciting participation from market participants not present. She stated the parties with a financial stake really need to participate.

Mr. Oberski stated the ETTF is having significant discussions on operating day and trading day. Through Mr. Oberski, the ETTF sought guidance on its assignment. Mr. Corneli stated there is agreement on the meaning of 2003 WEQ Annual Plan Item 4a, *Establish a standardized electric trading day*. Further, he said the expectation is that the ETTF will go beyond establishing definitions to the creation of a proposal for a standardized day.

Mr. Yeung highlighted the need for a standard day. He said a standard electric trading day was important because of the interplay with the gas market closing issue. Mr. Gildea expounded on Mr. Yeung's thoughts and challenged a company that has gas and electric resources in different markets to state reasons why a standardized day is not necessary.

Mr. Thompson suggested Annual Plan Item 4a could be viewed as a seams issue. He stated Mr. King gave the Executive Committee a presentation on seams issues during which he stated a goal should be to have a single, efficient, inter-regional market. He noted Mr. King also highlighted potential benefits of sequential markets. Mr. Thompson favored a standard day, but noted the answer may be sequential. Mr. Corneli concurred that a problem that seems simple might require a complex answer. Mr. Thompson suggested that since approximately 95% of the energy currently traded in the large scale markets is forward energy that is scheduled day ahead, the solution this task force develops is potentially a big ticket item.

Mr. Oberski thanked the Executive Committee for being clear in stating its expectation that a standard be developed. Mr. Johnson agreed, but stated he is still not sure of the task for the ETTF.

Ms. Paravalos stated the MOS started with the issues assigned to the ETTF and IIPTF because those items appeared ripe for standards development. She noted the annual plan items assigned to the MOS where work has not begun will be discussed at the next MOS meeting. Mr. Oberski added the response of the MOS might be that due to the current work load, the work on the outstanding items might not happen this year.

Market Standards Subcommittee: Mr. Gildea reported the Market Standards Subcommittee (MSS) is currently inactive, since the work of the subcommittee is geared toward directives for standards development from FERC initiatives. Mr. Lawson commented the pending FERC whitepaper on Standard Market Design (SMD) could result in an assignment to the MSS.

Standards Review Subcommittee: Mr. Yeung reviewed the Standards Review Subcommittee (SRS) process and progress since the last Executive Committee meeting. Mr. Yeung welcomed Mr. Rana as the new SRS co-chair. Mr. Yeung explained that at the March 7 meeting, the SRS reviewed two NERC SARs posted for comments. He stated the SRS determined a report should be produced on SRS findings to promote discussion on further NAESB action and provide readily accessible information to NAESB JIC members. Mr. Yeung reviewed the report for the Coordinate Operations SAR and the Coordinate Interchange SAR.

Mr. Yeung asked the Executive Committee the following questions regarding his presentation:

- Should the Executive Committee approve the report of the SRS?
- Should NAESB make a formal communication with NERC on the points of concern outlined in either report presented?
- Should NAESB assign to the appropriate subcommittee the task of developing a whitepaper detailing a companion standard?
- Should the SRS continue to track and monitor the SARs after the initial SRS review?



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- Should the SRS take no further action?

Mr. Yeung suggested it might be appropriate to develop a companion standard for the Coordinate Operations SAR.

Participants discussed the value of the report documents produced by the SRS and the questions Mr. Yeung posed the Executive Committee. Mr. Green stated the report created by the SRS was very useful. Mr. Jackson suggested, as a possible enhancement to the report, the inclusion of potential complementary business standards.

Mr. Corneli suggested the scope of the whitepaper could be broader than strictly a companion standard. He stated the whitepaper could convey to NAESB and the industry the type of business concerns that should be monitored in connection with a particular SAR. It was noted this approach could address NAESB's communication with outside entities. Mr. Yeung noted his vision was the creation of a standard request for a companion to the subject SAR.

Mr. Ulch cautioned the SRS on getting bogged down in the issues identified in its reports. Mr. Ulch said the central focus of the SRS should be to review the SARs. Mr. Yeung agreed, but stated the level of understanding of the impacts of the standard are revealed in the language of the actual standard proposed. He noted the task of the SRS was difficult in that no standards language is contained in a SAR, it is just the proposal of a standard, much like the NAESB Standards Request Form.

Mr. Dotterweich expressed concern with the SRS's continued monitoring of the SARs. He stated it could result in less participation in the standards development process. Mr. Corneli commented that it would be difficult for the SRS to not monitor the SARs because the NERC process is open. However, he noted there is a balance between keeping informed on a SAR's progress and expending excessive resources on duplicative efforts.

7. Standards Development Process

Since the WEQ Executive Committee will likely be voting on its first standards request at the June meeting, Ms. McQuade reviewed the standards development process. Ms. McQuade stated the FTAA recommendation was reported out of the Contracts Subcommittee at the end of March and posted for industry comments, with comments being due by April 30, 2003. She noted the Contracts Subcommittee will meet May 6, 2003 to review the submitted comments and determine if response comments are required for consideration at the June Executive Committee meeting. The FTAA recommendation is scheduled to be presented at the June meeting for a vote. At the June meeting, the Executive Committee could modify the recommendation or remand the recommendation back to the subcommittee in light of the comments submitted. For the recommendation to pass and become a standard, it will require a 67% affirmative vote of the entire WEQ Executive Committee, and a 40% affirmative vote from each segment's Executive Committee members. If the recommendation passes the Executive Committee, it will be forwarded to all WEQ members for the ratification process.

Mr. Corneli encouraged the Executive Committee members to become familiar with the FTAA recommendation prior to the June Executive Committee meeting.

8. Annual Planning Process

Mr. Corneli identified two potential items for future WEQ Annual Plan development. First, he noted the issue of coordinating the annual plan process under the MOU. Mr. Corneli stated a draft proposal will be created by the joint task group, which will be submitted to each organization for explanation and approval. Second, Mr. Corneli stated the Executive Committee should incorporate



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its experiences from the 2003 Annual Plan and develop a 2004 Annual Plan that is more sophisticated in scope and context. It was suggested each subcommittee chair begin the annual plan process by reviewing the items currently assigned to the subcommittee.

Mr. Zavodnick presented a report of the Annual Plan Subcommittee (APS), located under tab 2 of the meeting materials. Mr. Zavodnick stated the APS reviewed the 2003 Annual Plan of each quadrant to identify issues that were potentially multi-quadrant in scope. He noted the APS did not make a recommendation on the disposition of those items, but instead reported to each Executive Committee the list of potential items for the further consideration. Moving forward, Mr. Zavodnick stated the APS would evaluate annual plan coordination on a pro-active basis to identify the potential multi-quadrant activities during the annual plan development process.

Mr. Corneli stated the quadrants should be communicating on the issues they are working on. Mr. Zavodnick suggested hosting a discussion of the issues identified to affect all four quadrants. Mr. Buccigross noted a joint discussion meeting had been successful in the Retail Quadrants and resulted in joint meetings and joint standards development efforts. Mr. Corneli suggested the first step of that process would be for the chairs of the affected subcommittees to contact their counterparties to discuss the potential overlap of development efforts.

9. New Business

NAESB Website Enhancement Proposal: Mr. Reed reported on the work of the NAESB Website Enhancement group, an ad hoc group of representatives from each NAESB quadrant. It was noted the group created a proposal to make the NAESB Website more user friendly and consistent across the quadrants.

Ms. McQuade stated the NAESB Email Distribution System will be completed soon and will replace the Yahoo Groups! lists currently being used by the Retail Electric Quadrant. Additionally, she stated some website modifications are currently underway through donated services. Ms. McQuade noted budgetary constraints are always a concern, as well as the maintenance requirements that website modifications might require.

WEQ Procedures: Ms. McQuade clarified changes to the NAESB Certificate of Incorporation are being ratified by the NAESB membership, including a provision on the approval of quadrant procedures that would require only a simple majority of the entire Board for approval. She stated for the WEQ Procedures to move forward, the consensus document would be posted for a comment period, voted on by the WEQ Board members and ratified by the WEQ members as noted in the WEQ procedures, and then submitted to the entire Board for adoption at the June Board meeting.

10. Adjourn

Mr. Corneli adjourned the meeting at 4:45 p.m. Eastern.



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11. Executive Committee Attendance

	Title, Organization	Attendance
End User Segment		
John Hughes	Director Technical Affairs, Electricity Consumers Resource Council (ELCON)	In Person
David Meade	Manager Structured Power, Praxair, Inc.	In Person
Steve Sayuk	Manager Americas Supply, Power & Gas Services Group, ExxonMobil Power & Gas Services, Inc.	In Person
Randy Corbin	Assistant Director Analytical Services, Ohio Consumers' Counsel	Phone
Paul Jett	Manager of Electric System Operation Customer Choice Transition, Cinergy Services Inc.	Absent
Bill Heinrich, alt. for L. Westerfield	Supervisor-Utility, Accounting & Finance, New York State Department of Public Service	Phone
Distribution/LSE Segment		
Sherri Monteith, alt. for T. Ringenbach	Sr. Policy Analyst, American Electric Power	In Person
Jack Leonard	Director, Transmission Management, Exelon PECO Energy	Absent
Patrick W. Frazier	Vice President of Energy Operations, American Municipal Power Ohio Inc.	Absent
Daniel E. Cooper	Engineering Manager, Michigan Public Power Agency	In Person
Syd Berwager	Senior Manager Policy Coordination and Project Management, Bonneville Power Administration/Power Business Line	Phone
V A C A N C Y	To be filled by the Competitive Retailer sub-segment	
Generation Segment		
Bob Goss	Deputy Assistant Administrator of Power Resources, Southeastern Power Administration	In Person
Louis Oberski	Transmission Manager, Dominion Energy Marketing Inc.	In Person
Tony Reed	Project Manager, Southern Company Generation and Energy Marketing	In Person
Barry Green	Manager US Regulatory Affairs, Ontario Power Generation	Phone
Steven B. Corneli	Director of Regulatory Affairs, NRG Power Marketing Inc.	In Person
William J. Gallagher	General Manager of Vermont Public Power Supply Authority	Phone
Marketers/Brokers Segment		
Gary L. Jackson	Senior Manager External Markets and Policy, Tennessee Valley Authority Bulk Power Trading	In Person
Joel Dison	Project Manager, Southern Company Generation and Energy Marketing	Absent
Clay A. Norris	Division Director, Planning, North Carolina Municipal Power Agency #1	In Person
Greg Locke	Manager, Strategic Analysis, North Carolina Municipals (alt. for Mr. Norris)	In Person
Charles Yeung	Director of Business Standards, Reliant Resources	In Person
Alan Johnson	Senior Policy Analyst, Mirant	In Person
Michael F. Gildea	Director of Regulatory Policy, Duke Energy North America	In Person
Transmission Segment		
Steven C. Cobb	Manager Grid Access and Scheduling Services, Salt River Project	In Person



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Jim Hicks, alt. for D. Gerrard	Financial Consultant, PacifiCorp	In Person
Dean Ulch, alt. for J. Lucas	Principal Engineer, Southern Company Services, Inc.	In Person
Mary Ellen Paravalos	Manager ITC Development, National Grid USA	In Person
Dan Klempel	Director Transmission Regulatory Compliance, Basin Electric Power Cooperative	Phone
Julie Voeck	Manager Strategic Policy and Planning, American Transmission Company	In Person

11. Other Participation

Administrative:

Rae McQuade	-Executive Director
Veronica Thomason	-NAESB Staff
Todd Oncken	-NAESB Staff

Observers to the Meeting:

Name	Company	In person/Phone
Sharla Barklind	NARUC	Phone
Jim Buccigross	Group 8760	In Person
Randy Corbin	Ohio Consumers' Council	Phone
Phil Cox	American Electric Power	In Person
Michael Desselle	American Electric Power	In Person
Andy Dotterweich	Consumers Energy	In Person
Bill Griffith	El Paso Western Pipelines	In Person
Jim Hartwell	NPCC	In Person
Charles King	NYISO	In Person
Barry Lawson	NRECA	Phone
Cecilia Liang-Nichol	Allegheny Energy Supply	Phone
John Rainey	TXU	Phone
Barbara Rehman	Bonneville Power Administration	Phone
Lisa Robert	Defense Energy Support Center	In Person
John Simonelli	ISO New England	In Person
Lisa Szot	CAISO	In Person
Karl Tammer	NYISO	In Person
Steve Terelmes	Ameren Energy	In Person
Ed Thompson	Con Edison	In Person
Steve Zavodnick	Baltimore Gas & Electric	In Person