



**DRAFT MEETING MINUTES**  
PJM Interconnection  
Energy Market Uplift Senior Task Force (EMUSTF)  
Meeting #29  
PJM Conference and Training Center / WebEx  
February 5, 2015 (9:00am – 3:00pm)

**1. Administration**

- a. Mr. Dave Anders opened the meeting and reviewed the agenda.
- b. Ms. Cheryl Mae Velasco performed roll call, reviewed the meeting guidelines, and reviewed the draft meeting minutes. Minutes were approved and will be posted as final.

**2. Review Open Action Items**

Mr. Anders reviewed the remaining open action items from Phases 1 and 2. An additional action item was added to the Phase 2 list that addressed questions around netting. Mr. Ray Fernandez addressed one of the questions and will respond to the remaining components in future meetings.

**3. Cost Causation Analysis**

Mr. Adam Keech led a discussion surrounding what type of cost causation analysis participants are looking for. The concern has been expressed that it is difficult to perform a discreet causality study. PJM is supportive of doing a correlation study, in the form of a regression analysis. However, PJM would like to stress that this is not a cost causation analysis. A participant brought up a suggestion for another type of analysis, which is to run a Day Ahead case using Real Time results. The purpose of this study would be to capture the amount of operating reserves that exist regardless of deviations. This study would be able to uncover any consistencies within uplift that always exists. Another suggestion for an analysis would be to run the Day Ahead case with and without virtuals to correlate any effects of uplift. PJM has taken an action item to discuss these requests internally to determine which studies are feasible and to put together the parameters for each analysis.

**4. Review Matrix Components to be Expedited**

Mr. Keech reviewed items that PJM is looking to expedite and vote on prior to the remainder of the components in the packages being ironed out. PJM is concerned that the CT LOC is incentivizing units to offer and clear in the Day Ahead market but not in Real Time because ultimately the units will get paid more. The LOC should create indifference rather than an incentive. The goal is to vote on these expedited items prior to the next meeting in order to bring them to a vote at the March MRC.

**5. Coordinated Transaction Schedules**

Mr. Stan Williams updated the group on the effect of coordinated transaction scheduling to balancing operating reserves. He reported that there does not appear to be an increase in uplift because of CTS and any effect appears to be neutral, neither good nor bad. He also explained that it is difficult to differentiate between traditional transactions from coordinated transactions. If PJM finds anything supporting a different story, Mr. Williams will return to the group and report on any findings.



**6. Plan for Voting on Phase 1 and Phase 2 Matrices; Proposed Timeline for Remainder of Meetings**

Mr. Anders discussed the plans for voting on the Phase 1 and Phase 2 matrices and the plan for the remainder of the meetings. PJM will finish up the questions surrounding netting and will develop the package for the MISO-lite proposal to present at the next meeting. The group will be asked to vote on the expedited items before the next meeting. The next meeting will be spent discussing any analysis that PJM was able to put together. The next meeting will also be used to design a survey to hopefully reduce the number of packages. There has not been a concise plan for voting on Phase 1 and Phase 2 matrices. Additional discussions will need to take place before deciding on a plan for voting.

**7. Future Agenda Items**

- Review PJM package for “MISO-lite”
- Discuss cost causation analysis
- Design survey to reduce number of packages

**8. Future meeting dates**

February 25, 2015	9:00am – 3:00pm	Conference and Training Center / WebEx
<del>March 4, 2015</del>	<del>9:00am – 3:00pm</del>	<del>Conference and Training Center / WebEx</del>
March 18, 2015	9:00am – 3:00pm	Conference and Training Center / WebEx
April 1, 2015	9:00am – 3:00pm	Conference and Training Center / WebEx
April 17, 2015	9:00am – 3:00pm	Conference and Training Center / WebEx

**Attendees: In-Person**

Last Name	First Name	Company Name	Sector
Allen	Wesley	Red Wolf Energy Trading, LLC	Other Supplier
Anders	David	PJM Interconnection, LLC	Not Applicable
Carretta	Kenneth	PSEG Energy Resources and Trade LLC	Transmission Owner
Fernandez	Ray	PJM Interconnection	Not Applicable
Fitch	Neal	NRG Power Marketing LLC	Generation Owner
Foladare	Kenneth	IMG Midstream LLC	Generation Owner
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hughes	Adam	XO Energy MA, LP	Other Supplier
Johnson	Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Keech	Adam	PJM Interconnection, LLC	Not Applicable
Kogut	George	New York Power Authority	Other Supplier
Lieberman	Steven	Old Dominion Electric Cooperative	Electric Distributor
Luna	Joel	Monitoring Analytics, LLC	Not Applicable
Miller	Jeff	XO Energy MA, LP	Other Supplier
Pratzon	David	GT Power Group	Not Applicable
Sechrist	Erin	PJM Interconnection, LLC	Not Applicable
Shparber	Steve	PJM Interconnection, LLC	Not Applicable
Skucas	Ruta	Pierce Atwood	Not Applicable



Velasco	Cheryl Mae	PJM Interconnection, LLC	Not Applicable
Weathers	Brian	PJM Interconnection, LLC	Not Applicable
Williams	Stanley	PJM Interconnection, LLC	Not Applicable

## Attendees: WebEx/ Teleconference

Last Name	First Name	Company Name	Sector
Bearden	Joel	XO Energy MA, LP	Other Supplier
Benckek	Jim	FirstEnergy Solutions Corporation	Transmission Owner
Bolan	Martin	FirstEnergy Solutions Corporation	Transmission Owner
Carmean	Gregory	OPSI	Not Applicable
Cowen	sean	KASS Commodities, LLC	Other Supplier
Cox	Edward	Appalachian Power Company	Transmission Owner
Cox	Bill	Exion Energy, Inc.	Other Supplier
Cox	Phil	Appalachain Power Company	Transmission Owner
Cox	Gregory	Solea Energy, LLC	Transmission Owner
Coyle	Billy	Dominion Virginia Power	Not Applicable
Dessenger	Harry	Customized Energy Solutions, Ltd.*	Not Applicable
Drangula	Carey	XO Energy MA, LP	Other Supplier
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Eckes	Richard	Exion Energy, Inc. (Sub 3)	None
Engle	Andrew	XO Energy MA, LP	Other Supplier
Farris	Wes	Exion Energy, Inc.	Other Supplier
Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Francoeur	Rene	Red Wolf Energy Trading, LLC	Other Supplier
Gabrieli	Anthony	Ally Energy LLC.	Other Supplier
Gorman	Kevin	Highlands Energy Group LLC (The)	Other Supplier
Greening	Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Griffiths	Dan	Consumer Advocates of PJM States	Not Applicable
Hoatson	Tom	Riverside Generating, LLC	Other Supplier
Hsia	Eric	PJM Interconnection, LLC	Not Applicable
Hull	James	Exion Energy, Inc. (Sub 6)	None
Janicki	Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jasani	Sachin	Red Wolf Energy Trading, LLC	Other Supplier
Kingston	Amber	North Carolina Electric Membership Corporation	Electric Distributor
Kraemer	Neil	XO Energy MA, LP	Other Supplier
Lacy	Catharine	Dominion Virginia Power	Not Applicable
Liang-Nicol	Cecilia	FirstEnergy Solutions Corporation	Transmission Owner
Logsdon	Josh	Exion Energy, Inc.	Other Supplier
Logsdon	Sebastian	Exion Energy, Inc. (Sub 5)	None
Lowe	Connie	Dominion Virginia Power	Not Applicable
Mabry	David	McNeese Wallace & Nurick LLC	Not Applicable
Manning	James	North Carolina Electric Membership Corporation	Electric Distributor
Mariam	Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
McAdams	Julius	Red Wolf Energy Trading, LLC	Other Supplier



Metzler	Jakob	Castleton Commodities Merchant Trading L.P.	Other Supplier
Ondayko	Brock	Appalachain Power Company	Transmission Owner
Owens	Christina	North Carolina Electric Membership Corporation	Electric Distributor
Pakela	Gregory	DTE Energy Trading	Other Supplier
Park	Jinny	PJM Interconnection, LLC	Not Applicable
Patel	Keyur	PJM Interconnection, LLC	Not Applicable
Patten	Kevin	Appalachain Power Company	Transmission Owner
Peoples	John	Duquesne Light Company	Transmission Owner
Robson	Matt	SESCO Enterprises LLC	Other Supplier
Rogers	Steve	Exion Energy, Inc. (Sub 4)	None
Rohrbach	John	Southern Maryland Electric Cooperative	Electric Distributor
Rosati	Nick	Exion Energy, Inc. (Sub 2)	None
Saini	Ishwar	Macquarie Energy LLC	Other Supplier
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Shanker	Roy	H.Q. Energy Services	Other Supplier
Sheehan	Shawn	XO Energy MA, LP	Other Supplier
Slade	Louis	Virginia Electric & Power Company	Transmission Owner
Smyth	Dermot	ConEdison Energy, Inc.	Other Supplier
Sock	Bryan	Public Service Electric & Gas Company	Transmission Owner
Southard	Mark	Solea Energy, LLC	Transmission Owner
Thompson	Matt	XO Energy MA, LP	Other Supplier
Trayers	Barry	Citigroup Energy, Inc.	Other Supplier
Treadwell	Albert	Allegheny Electric Cooperative, Inc.	Electric Distributor
Whittaker	Greg	East Kentucky Power Cooperative, Inc.	Transmission Owner
Wilhite	Chad	FirstEnergy Solutions Corp.	Transmission Owner
Williams	Michael	Black Oak Energy, LLC	Other Supplier
Wojnowski	Warren	Other	None
Yu	Joel	Rockland Electric Company	Transmission Owner