



## DRAFT MEETING MINUTES

PJM Interconnection

Energy/Reserve Pricing & Interchange Volatility MIC Special Session

PJM Conference and Training Center / WebEx

April 28, 2014 (1:00pm – 4:00pm)

### In-Person Participants:

Last Name	First Name	Company Name	Sector
Carroll	Rebecca	PJM Interconnection, LLC	Not Applicable
Ciabattoni	Joseph	PJM Interconnection, LLC	Not Applicable
Citrolo	John	PSEG Energy Resources and Trade LLC	Transmission Owner
Dugan	Bill	Customized Energy Solutions, Ltd.*	Not Applicable
Fabiano	Janell	PJM Interconnection, LLC	Not Applicable
Johnson	Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Keech	Adam	PJM Interconnection, LLC	Not Applicable
Luna	Joel	Monitoring Analytics, LLC	Not Applicable
Mabry	David	McNees Wallace & Nurick LLC	Not Applicable
Marcino	Angelo	PJM Interconnection, LLC	Not Applicable
Morelli	Lisa	PJM Interconnection, LLC	Not Applicable
Olaleye	Michael	PJM Interconnection, LLC	Not Applicable
Park	Jinny	PJM Interconnection	Not Applicable
Patel	Keyur	PJM Interconnection, LLC	Not Applicable
Pilong	Chris	PJM Interconnection, LLC	Not Applicable
Pratzon	David	GT Power Group	Not Applicable
Sock	Brian	PSEG Energy Resources and Trade LLC	Transmission Owner
Velasco	Cheryl Mae	PJM Interconnection, LLC	Not Applicable

### Teleconference Participants:

Last Name	First Name	Company Name	Sector
Anders	David	PJM Interconnection, LLC	Not Applicable
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Benckek	Jim	FirstEnergy Solutions Corporation	Transmission Owner



Birnel	William	Westar Energy, Inc.	Other Supplier
Bloom	David	Baltimore Gas and Electric Company	Transmission Owner
Bolan	Martin	FirstEnergy Solutions Corporation	Transmission Owner
Boyle	Glen	PJM Interconnection, LLC	Not Applicable
Brodbeck	John	PEPCO Energy Services, Inc.	Other Supplier
Campbell	Bruce	EnergyConnect, Inc.	Other Supplier
Canter	David	AEP	Transmission Owner
Carl	Joe	PJM Interconnection, LLC	Not Applicable
Carmean	Gregory	OPSI	Not Applicable
Carretta	Kenneth	PSEG Energy Resources and Trade LLC	Transmission Owner
Cicero	Nick	FirstEnergy Solutions Corp.	Transmission Owner
Citrolo	John	PSEG Energy Resources and Trade LLC	Transmission Owner
Comeskey	Ben	Other	Not Applicable
Conover	Ryan	Duke Energy	Transmission Owner
Coyle	Billy	Dominion Virginia Power	Not Applicable
DeNavas	Joe	PEPCO Energy Services, Inc.	Other Supplier
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Edington	Sean	Mercuria Energy America, Inc.	Other Supplier
Farber	John	Division of the Public Advocate of the State of Delaware	End User Customer
Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fitch	Neal	NRG Power Marketing LLC	Generation Owner
Frelich	Jessica	Integrus Energy Services, Inc.	Other Supplier
Galicia	Louis	Ventyx	Not Applicable
Gell	Richard	Ontario Power Generation Inc.	Other Supplier
Gilani	Rehan	Rockland Electric Company	Transmission Owner
Greening	Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Griffiths	Dan	Consumer Advocates of PJM States	Not Applicable
Hastings	David	Cygnus Energy Futures, LLC	Other Supplier
Haynes	Greg	Energy Authority, Inc. (The)	Other Supplier
Heidorn	Rich	RTO Insider	Not Applicable
Heizer	Fred	Ohio PUC	Not Applicable
Hoatson	Tom	Riverside Generating, LLC	Other Supplier



Holland	Risa	PJM Interconnection, LLC	Not Applicable
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hsia	Eric	PJM Interconnection, LLC	Not Applicable
Hyzinski	Tom	PPL EnergyPlus, L.L.C.	Transmission Owner
Jennings	Kenneth	Duke Energy Business Services LLC	Generation Owner
Jett	William	Duke Energy Business Services LLC	Generation Owner
Bolan	Martin	FirstEnergy Solutions Corporation	Transmission Owner
Johnson	Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kogut	George	New York Power Authority	Other Supplier
Lacy	Catharine	Dominion Virginia Power	Not Applicable
Liang-Nicol	Cecilia	Allegheny Power (MonPwr Gen)	None
Lieberman	Steve	Old Dominion Electric Cooperative	Electric Distributor
Maucher	Andrea	Division of the Public Advocate of the State of Delaware	End User Customer
McAlister	Lisa	American Municipal Power, Inc.	Electric Distributor
Norman	Jason	Tennessee Valley Authority	Other Supplier
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
Pakela	Gregory	DTE Energy Trading, Inc.	Other Supplier
Parker	Seth	Long Island Lighting Company d/b/a LIPA	Other Supplier
Peoples	John	Duquesne Light Company	Transmission Owner
Plante	Matthieu	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Reichert	Joshua	Other	Not Applicable
Rolashevich	Pete	Federal Energy Regulatory Commission	Not Applicable
Shanker	Roy J.	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sidhom	Noha	Inertia Power I, LLC	Other Supplier
Slade Jr. (ES-vapwr)	Louis	Virginia Electric & Power Company	Transmission Owner
Smater	Sebastian	BTGPactual Commodities (US) LLC	Other Supplier
Sock	Bryan	PSEG Energy Resources and Trade LLC	Transmission Owner
Stadelmeyer	Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Sudhakara	Raghu	Rockland Electric Company	Transmission Owner
Wetzel	Ray	Constellation Energy Commodities Group, Inc.	Other Supplier
Wilhite	Chad	FirstEnergy Solutions Corp.	Transmission Owner
Wood	Gordon	ETC Endure Energy L.L.C.	Other Supplier

## 1. Administration

Ms. Lisa Morelli called the meeting to order and welcomed stakeholders. Ms. Morelli reviewed the agenda and called attention to the Anti-trust and Code of Conduct statements. Ms. Cheryl Mae Velasco performed roll call and reviewed the draft meeting minutes from the 4/16 ERPIV meeting. A request for an edit to Item 03 was made. It was expressed that the relevance of price bounding to the ERPIV issue charge is to be determined. The minutes were approved pending this edit.

## 2. Review Workplan

Ms. Morelli reviewed the draft workplan. PJM will ask for an endorsement vote at the May MIC meeting. Meetings to discuss the long term solutions will start in the beginning of June. No other requests for changes were made.

## 3. Energy/Reserve Pricing Matrix Development

Ms. Morelli addressed the requests made at the previous meeting regarding the simulations surrounding the effects on pricing should the reserve requirements be increased. PJM was unable to produce simulations that would provide value to stakeholders since so many other factors impacting real time pricing and uplift cannot be accurately replicated in the simulation.

Mr. Joe Ciabattoni reviewed education slides previously presented in the early meetings of the ERPIV describing operator actions during peak load days. PJM wanted to stress that changing the reserve requirements does not change operator actions but rather will attempt to incorporate the actions already taken into the pricing.

Pending the proposal being passed, stakeholders requested that PJM consider performance metrics to evaluate the effects of the PJM proposal after summer implementation. It was recognized that there is no clear cut way to evaluate the impact of changing the reserve requirements and that further discussions will need to take place in order to establish this set of metrics.

## 4. Future Agenda Items

- a. Review and revise the workplan as needed
- b. Develop Interest Identification for the long term matrix
- c. Develop Solution Components the long term matrix



## 5. Future Meeting Dates

June 25, 2014	9:00am – 12:00pm	Conference and Training Center / WebEx
July 7, 2014	9:00am – 4:00pm	Conference and Training Center / WebEx
July 28, 2014	9:00am – 4:00pm	Conference and Training Center / WebEx
August 7, 2014	1:00pm – 4:00pm	Conference and Training Center / WebEx
August 20, 2014	9:00am – 12:00pm	Conference and Training Center / WebEx

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