



## DRAFT MEETING MINUTES

PJM Interconnection

Energy/Reserve Pricing & Interchange Volatility MIC Special Session

PJM Conference and Training Center / WebEx

April 3, 2014 (9:00am – 12:00pm)

### In-Person Participants:

Last Name	First Name	Company Name	Sector
Anders	David	PJM Interconnection, LLC	Not Applicable
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Blair	Tom	Monitoring Analytics, LLC	Not Applicable
Bleiweis	Bruce	DC Energy LLC	Other Supplier
Brodbeck	John	Potomac Electric Power Company	Electric Distributor
Bryson	Mike	PJM Interconnection, LLC	Not Applicable
Carroll	Rebecca	PJM Interconnection, LLC	Not Applicable
Ciabattoni	Joe	PJM Interconnection, LLC	Not Applicable
Citrolo	John	PSEG Energy Resources and Trade LLC	Transmission Owner
Dadourian	John	Monitoring Analytics, LLC	Not Applicable
Dugan	Bill	Customized Energy Solutions, Ltd.*	Not Applicable
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fabiano	Janell	PJM Interconnection, LLC	Not Applicable
Fitch	Neal	NRG Power Marketing LLC	Generation Owner
Leonard	Ryan	IBERDROLA RENEWABLES, LLC	Generation Owner
Luna	Joel	Monitoring Analytics, LLC	Not Applicable
Mabry	David	PJM Industrial Cost Coalition	Not Applicable
Marcino	Angelo	PJM Interconnection, LLC	Not Applicable
Morelli	Lisa	PJM Interconnection, LLC	Not Applicable
Park	Jinny	PJM Interconnection	Not Applicable
Pratzon	David	GT Power Group	Not Applicable
Sock	Bryan	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
Ainspan	Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Binder	Gerry	SESCO Enterprises LLC	Other Supplier
Bloom	David	Baltimore Gas and Electric Company	Transmission Owner
Bolan	Martin	FirstEnergy Solutions Corporation	Transmission Owner
Borgatti	Michael	Gable and Associates	Not Applicable
Boyle	Glen	PJM Interconnection, LLC	Not Applicable
Butler	James		
Campbell	Bruce	EnergyConnect, Inc.	Other Supplier
Canter	David	Ohio Power Company	Transmission Owner
Carl	Joseph	PJM Interconnection, LLC	Not Applicable
Carmean	Gregory	Organization of PJM States, Inc.	Not Applicable
Carretta	Kenneth	PSEG Energy Resources and Trade LLC	Transmission Owner
Carro	Dan	Dominion Virginia Power	Not Applicable
Comeskey	Ben		
Coyle	Billy	Dominion Virginia Power	Not Applicable
Drabant	Tracey	Duquesne Light Company	Transmission Owner
Farber	John	DE Public Service Commission	Not Applicable
Fazio	Danielle	BTG Pactual Commodities	Other Supplier
Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Frost	Jodi	Moxie Liberty LLC	Other Supplier
Garbini	Marj	Potomac Electric Power Company	Electric Distributor
Gardner	Michelle	NextEra Energy Power Marketing, LLC	Generation Owner
Gell	Richard	Ontario Power Generation Inc.	Other Supplier
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Gilani	Rehan	Consolidated Edison Energy, Inc.	Other Supplier
Greening	Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Hastings	David	Cygnus Energy Futures, LLC	Other Supplier
Haynes	Greg	Energy Authority, Inc. (The)	Other Supplier
Heizer	Fred	Ohio PUC	Not Applicable



Helms	Joseph	Rainbow Energy Marketing Corporation	Other Supplier
Hoatson	Tom	Riverside Generating, LLC	Other Supplier
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hubbard	Lance	Allegheny Electric Cooperative, Inc.	Electric Distributor
Hyzinski	Tom	PPL EnergyPlus, L.L.C.	Transmission Owner
Jennings	Kenneth	Duke Energy Business Services LLC	Generation Owner
Johnson	Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Jostworth	Kimberly	RBC Energy Services LP	Other Supplier
Koch	Karen	Morgan Stanley Capital Group, Inc.	Other Supplier
Kogut	George	New York Power Authority	Other Supplier
Lacy	Catharine	Dominion Virginia Power	Not Applicable
Mancuso	Maria	Baltimore Gas and Electric Company	Transmission Owner
Mariam	Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Maucher	Andrea	Division of the Public Advocate of the State of Delaware	End User Customer
Nivolianitis	Ted	TransAlta Energy Marketing (US) Inc. (Hudson)	Other Supplier
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko	Brock	Appalachain Power Company	Transmission Owner
Pakela	Greg	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
Rajan (ES)	Abhijit	Dominion Resources	Not Applicable
Rutigliano	Tom	Achieving Equilibrium LLC	Other Supplier
Saini	Ishwar	Macquarie Energy LLC	Other Supplier
Scarpignato	Dave	Direct Energy Business, LLC	Other Supplier
Slade Jr. (ES-vapwr)	Louis	Virginia Electric & Power Company	Transmission Owner
Stadelmeyer	Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Sudhakara	Raghu	Rockland Electric Company	Transmission Owner
Terry	Jonathan	Allegheny Electric Cooperative, Inc.	Electric Distributor
Wadsworth	Joseph	Vitol Inc.	Other Supplier
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 3/17 ERPIV meeting. The draft minutes were approved. Ms. Velasco reviewed the open action items and made mention that all items were to be addressed at the meeting.

## 2. Review Workplan

Ms. Morelli reviewed the draft workplan. No other requests for changes were made.

## 3. Energy/Reserve Pricing Matrix Development

Ms. Rebecca Carroll reviewed the options that PJM had presented in the previous meeting, highlighting options that had changed. After discussions with the operations team, PJM has changed the trigger for increasing the requirement from unit startup notification alert being issued for more than 1000 MW to hot and cold weather alerts. PJM felt that the former alert was rarely called and would not be able to provide an accurate trigger.

In response to a stakeholder request for PJM to consider a dynamic reserve requirement, Ms. Carroll presented the concerns and challenges with this approach. Stakeholders expressed their concerns regarding the amount of MWs scheduled for conservative operations and that number not aligning with the amount of the reserve requirement increase. This conversation led to an option suggesting PJM to consider a step approach, whereby upon some pre-determined trigger, the reserve requirement would be increased by some factor instead of automatically increasing by the default MAD requirement as had been previously presented. PJM took an action item to come up with the details surrounding this step approach. An additional meeting has been scheduled in order to discuss this option and other options from stakeholders prior to the May MIC meeting.

Stakeholders requested that PJM present the number of times the trigger of hot and cold weather alerts were called in the previous years. The table below shows these statistics:

Year	Hot Weather Alerts	Cold Weather Alerts
2011	23	5
2012	29	0
2013	16	11
2014	0	23

PJM presented a package, not inclusive of the step approach option. Stakeholders were encouraged to provide packages in advance of the next meeting.

An action item was taken for PJM to present education regarding pricing bounding to gain additional knowledge around pricing. PJM is to present this at the next meeting.



#### 4. Future Agenda Items

- a. Review and revise the workplan as needed
- b. Narrow down Solution Options
- c. Develop Solution Packages

#### 5. Future Meeting Dates

April 16, 2014	1:00pm – 4:00pm	Conference and Training Center / WebEx
April 28, 2014	1:00pm – 4:00pm	Conference and Training Center / WebEx

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