



DRAFT
Minutes
PJM Interconnection
Markets and Reliability Committee
The Chase Center on the Riverfront, Wilmington, DE
March 27, 2014
9:00 a.m. – 1:00 p.m.

CHAIR/SECRETARY

Kormos	Michael J.	PJM Interconnection, LLC	Not Applicable
Anders	Dave	PJM Interconnection, LLC	Not Applicable

VOTING PARTICIPANTS

Last Name	First Name	Company	Sector
Batta	Michael	Virginia Electric & Power Company	Transmission Owner
Bleiweis	Bruce	DC Energy LLC	Other Supplier
Brodbeck	John	Potomac Electric Power Company	Electric Distributor
Bruce	Susan	Rep.'g Air Liquide Industrial U.S., LP	End User Customer
Bruce	Susan	Rep.'g Air Products & Chemicals, Inc.	End User Customer
Bruce	Susan	Rep.'g Gerdau Ameristeel Energy, Inc.	Other Supplier
Bruce	Susan	Rep.'g Industrial Energy Users-Ohio	Other Supplier
Bruce	Susan	Rep.'g Kimberly-Clark Corporation	Generation Owner
Bruce	Susan	Rep.'g Lehigh Portland Cement Company	End User Customer
Bruce	Susan	Rep.'g Letterkenny Industrial Development Authority	Electric Distributor
Bruce	Susan	Rep.'g Linde LLC	End User Customer
Bruce	Susan	Rep.'g MeadWestvaco Corporation	End User Customer
Bruce	Susan	Rep.'g Occidental Power Services, Inc.	Other Supplier
Bruce	Susan	Rep.'g Praxair, Inc.	End User Customer
Bruce	Susan	Rep.'g Procter & Gamble Paper Products Company (The)	End User Customer
Bruce	Susan	Rep.'g Trustees of the U of PA, dba University of Pennsylvania	End User Customer
Bruce	Susan	Rep.'g Wellsboro Electric Company	Electric Distributor
Campbell	Bruce	Rep.'g EnergyConnect, Inc.	Other Supplier
Campbell	Bruce	Rep.'g Mid-Atlantic Power Partners	Other Supplier
Cox	Jason	Dynegy Marketing & Trade, LLC	Generation Owner
Danis	Deral	Rock Island Clean Line LLC	Other Supplier
Esposito	Patricia	Atlantic Grid Operations A, LLC	Other Supplier
Etnoyer	Scott	MEG Generating Company, LLC	Generation Owner
Evrard	David	Pennsylvania Office of Consumer Advocate	End User Customer
Foladare	Kenneth	IMG Midstream LLC	Generation Owner



Gardner	Michelle	NextEra Energy Power Marketing, LLC	Generation Owner
Griffiths	Dan	Rep.'g Division of the Public Advocate of State of Delaware	End User Customer
Griffiths	Dan	Rep.'g Maryland Office of Peoples Counsel	End User Customer
Griffiths	Dan	Rep.'g New Jersey Div. of the Ratepayer Advocate	End User Customer
Griffiths	Dan	Rep.'g West Virginia Consumer Advocate Division	End User Customer
Guerry	Katie	EnerNOC, Inc.	Other Supplier
Hirsch	Stephen	Downes Associates, Inc.	Other Supplier
Hirsch	Stephen	Rep.'g Mont Alto, PA (Borough of)	Electric Distributor
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Horstmann	John	Dayton Power and Light Company (The)	Transmission Owner
Janicki	Diane	Edison Mission Marketing and Trading, Inc.	Generation Owner
Jennings	Ken	Duke Energy Business Services LLC	Transmission Owner
Johnson	Carl	Rep.'g Blue Ridge Power Agency, Inc.	Electric Distributor
Johnson	Carl	Rep.'g Borough of Chambersburg (DTEET)	Electric Distributor
Johnson	Carl	Rep.'g Buckeye Power, Inc.	Electric Distributor
Johnson	Carl	Rep.'g Central Virginia Electric Cooperative	Electric Distributor
Johnson	Carl	Rep.'g City of Dover, Delaware	Electric Distributor
Johnson	Carl	Rep.'g Delaware Municipal Electric Corporation	Electric Distributor
Johnson	Carl	Rep.'g Easton Utilities Commission	Electric Distributor
Johnson	Carl	Rep.'g Energy Cooperative Association of PA	Other Supplier
Johnson	Carl	Rep.'g Galt Power Inc.	Other Supplier
Johnson	Carl	Rep.'g Hagerstown Light Department	Electric Distributor
Johnson	Carl	Rep.'g Illinois Municipal Electric Agency	Electric Distributor
Johnson	Carl	Rep.'g Indiana Municipal Power Agency	Generation Owner
Johnson	Carl	Rep.'g Madison Gas & Electric Company	Other Supplier
Johnson	Carl	Rep.'g North Carolina Electric Membership Corporation	Electric Distributor
Johnson	Carl	Rep.'g North Carolina Municipal Power Agency # 1	Other Supplier
Johnson	Carl	Rep.'g Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Rep.'g Old Dominion Electric Cooperative	Electric Distributor
Johnson	Carl	Rep.'g Thurmont, MD (Town of)	Electric Distributor
Johnson	Carl	Rep.'g Williamsport, MD (Town of)	Electric Distributor
Johnson	Carl	Rep.'g WPPI Energy	Other Supplier
Kogut	George	New York Power Authority	Other Supplier
Leonard	Ryan	IBERDROLA RENEWABLES, LLC	Generation Owner
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Martin	John	PPGI Fund A/B Development, LLC	Other Supplier
Marton	Dave	FirstEnergy Solutions Corp.	Transmission Owner
McMahon	Mike	Illinois Citizens Utility Board	End User Customer
Merola	Becky	Noble Americas Gas & Power Corp.	Other Supplier
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
O'Connell	Robert	JPMorgan Ventures Energy Corporation	Other Supplier



Parker	Seth	Long Island Lighting Company d/b/a LIPA	Other Supplier
Peoples	John	Duquesne Light Company	Transmission Owner
Pratzon	David	Rep.'g Calpine Energy Services, L.P.	Generation Owner
Pratzon	David	Rep.'g Liberty Electric Power, LLC	Generation Owner
Rainey	Frank	PEI Power Corporation	Generation Owner
Riding	MQ	Essential Power Rock Springs, LLC	Transmission Owner
Rohrbach	John	Rep.'g Southern Maryland Electric Cooperative	Electric Distributor
Rohrbach	John	Rep.'g Wabash Valley Power Association, Inc.	Electric Distributor
Scarpignato (Scarp)	David	Direct Energy Business, LLC	Other Supplier
Shanker	Roy	Rep.'g H.Q. Energy Services (U.S.), Inc.	Other Supplier
Shanker	Roy	Rep.'g Homer City Generation, L.P.	Generation Owner
Sitaraman	Nicole	Ofc... People's Counsel ... District of Columbia	End User Customer
Sudhakara	Raghu	Rockland Electric Company	Transmission Owner
Trayers	Barry	Citigroup Energy, Inc.	Other Supplier
Trimble	John	Alternative Utility Services, Inc.	Other Supplier
Weaver	David	Exelon Business Services Company, LLC	Transmission Owner
Williams	Michael	Black Oak Energy, LLC	Other Supplier

NON-VOTING PARTICIPANTS

Last Name	First Name	Company	Sector
Ainspan	Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Bayless	Charles	North Carolina Electric Membership Corporation	Electric Distributor
Binder	Gerry	SESCO Enterprises LLC	Other Supplier
Bloom	David	Baltimore Gas and Electric Company	Transmission Owner
Bolan	Martin	FirstEnergy Solutions Corporation	Transmission Owner
Burns	Will	Burns Law Firm	Not Applicable
Caddell	Ted	RTO Insider	Not Applicable
Canter	David	AEP	Transmission Owner
Carmean	Gregory	OPSI	Not Applicable
Clements	Allison	The FERC Project	Not Applicable
Clover	Bernita	Duquesne Light Company	Transmission Owner
Cox	Phil	AEP	Transmission Owner
Czigler	Frank	PSEG Energy Resources and Trade LLC	Transmission Owner
De Geeter	Ralph	Public Service Commission of Maryland	Not Applicable
Dean	Evan	FirstEnergy Solutions Corporation	Transmission Owner
Dessender	Harry	Customized Energy Solutions, Ltd.*	Not Applicable
Drabant	Tracey	Duquesne Light Company	Transmission Owner
Dugan	William	Customized Energy Solutions, Ltd.*	Not Applicable
Ellison	Alan	Grays Ferry Cogeneration Partnership	Generation Owner



Erbrick	Michael	DhastCo,LLC	Not Applicable
Evrard	David	Pennsylvania Office of Consumer Advocate	End-Use Customer
Farber	John	Delaware Public Service Commission	Not Applicable
Feierabend	Rick	Dominion Virginia Power	Not Applicable
Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fisher	Amy	Linden VFT LLC	Transmission Owner
Flaherty	Dale	Duquesne Light Company	Transmission Owner
Gabrieli	Tony	Ally Energy LLC.	Other Supplier
Gebolys	Debbie	Public Utilities Commission of Ohio	Not Applicable
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Godson	Gloria	Potomac Electric Power Company	Electric Distributor
Grimes	Mike	EDP Renewables North America, LLC	Generation Owner
Hall	Walter	Maryland Public Service Commission	Not Applicable
Hayes	Patrick	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Haynes	Greg	Energy Authority, Inc. (The)	Other Supplier
Heizer	Fred	Ohio PUC	Not Applicable
Hitch	George	Virginia Electric and Power Company	Transmission Owner
Hoffer	Phil	AEP	Transmission Owner
Huntoon	Stephen	NextEra Energy Power Marketing, LLC	Generation Owner
Hyzinski	Tom	PPL EnergyPlus, L.L.C.	Transmission Owner
Ivey	Susan	Exelon Business Services Company, LLC	Transmission Owner
Jett	William	Duke Energy Business Services, Inc.	Generation Owner
Jostworth	Kimberly	Royal Bank of Canada	Other Supplier
Juwanier	David	RTO Insider	Not Applicable
Kerecman	Joseph	Calpine Energy Services, L.P.	Generation Owner
Lafalce	Michael	Public Service Electric & Gas Company	Transmission Owner
Lewis	Cara	Public Service Electric & Gas Company	Transmission Owner
Liang-Nicol	Cecilia	FirstEnergy Solutions Corporation	Transmission Owner
Logan	Sharon	The Federal Energy Regulatory Commission	Not Applicable
Ma	Alex	Invenergy LLC	
Mahoney	Julie	New York State Electric & Gas Corporation	Other Supplier
Manning	James	North Carolina Electric Membership Corporation	Electric Distributor
Mariam	Yohannes	Office of the Peoples Counsel for the District of Columbia	Not Applicable
Martin	Valerie	The Federal Energy Regulatory Commission	Not Applicable
Maucher	Andrea	Division of the Public Advocate of the State of Delaware	End-Use Customer
Maye	Shelly Ann	North America Power Partners LLC	Other Supplier
McAlister	Lisa	American Municipal Power, Inc.	Generation Owner
McDonald	Steve	Customized Energy Solutions, Ltd.*	Not Applicable
Miller	John	Commonwealth Edison Company	Transmission Owner
Monroe	Alicia	The Federal Energy Regulatory Commission	Not Applicable
Owens	Christina	ACES	Not Applicable



Pike	Robert	New York ISO	Not Applicable
Schum	Alice	Illinois Municipal Electric Agency	Electric Distributor
Schupp	Jeremy	energy.me midwest llc d/b/a energy.me	Other Supplier
Scott	Charles	DC Energy, L.L.C.	Other Supplier
Sidhom	Noha	Inertia Power I, LLC	Other Supplier
Sock	Bryan	PSEG Energy Resources and Trade LLC	Transmission Owner
Stadelmeyer	Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Stubbe	Judy	Duke Energy Business Services, Inc.	Generation Owner
Tatum	Ed	Old Dominion Electric Cooperative	Electric Distributor
Taylor	Scott	Moxie Energy, LLC	Not Applicable
Trayers	Barry	Citigroup Energy Inc.	Other Supplier
Villatoro	Karen	The Federal Energy Regulatory Commission	Not Applicable
Watson	Mark	Platts	Not Applicable
Weaver	David	PECO Energy Company	Transmission Owner
Weber	Adam	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Wellborn	Samir	The Federal Energy Regulatory Commission	Not Applicable
Whieldon	Esther	SNL Energy	Not Applicable
Wilson	James	Wilson Energy Economics	Not Applicable
Wisersky	Megan	Madison Gas & Electric Company	Other Supplier
Wood	Gordon	ETC Endure Energy	Other Supplier
Xenopoulous	Damon	Brickfield, Burchette, Ritts & Stone, P.C.	Not Applicable
Yeboah	Ebony	FirstEnergy Solutions Corporation	Transmission Owner

PJM PARTICIPANTS

Last Name	First Name	Company	Sector
Baker	Scott	PJM Interconnection, LLC	Not Applicable
Barrett	Francis	PJM Interconnection, LLC	Not Applicable
Bastian	Jeff	PJM Interconnection, LLC	Not Applicable
Bhavarju	Murty	PJM Interconnection, LLC	Not Applicable
Boston	Terry	PJM Interconnection, LLC	Not Applicable
Bratspis	David	PJM Interconnection, LLC	Not Applicable
Bresler	Stu	PJM Interconnection, LLC	Not Applicable
Brown	Richard	PJM Interconnection, LLC	Not Applicable
Bruno	Patrick	PJM Interconnection, LLC	Not Applicable
Bryson	Michael	PJM Interconnection, LLC	Not Applicable
Burdis	Tim	PJM Interconnection, LLC	Not Applicable
Burlew	Jim	PJM Interconnection, LLC	Not Applicable
Chiemilewski	Brian	PJM Interconnection, LLC	Not Applicable
Coyne	Suzanne	PJM Interconnection, LLC	Not Applicable
Daugherty	Suzanne	PJM Interconnection, LLC	Not Applicable



Duane	Vince	PJM Interconnection, LLC	Not Applicable
Egan	Amanda	PJM Interconnection, LLC	Not Applicable
Esterly	Teri	PJM Interconnection, LLC	Not Applicable
Fabiano	Janell	PJM Interconnection, LLC	Not Applicable
Falin	Thomas	PJM Interconnection, LLC	Not Applicable
Ford	Adrien	PJM Interconnection, LLC	Not Applicable
Hartung	Dean	PJM Interconnection, LLC	Not Applicable
Hendrzak	Chantal	PJM Interconnection, LLC	Not Applicable
Herling	Steven	PJM Interconnection, LLC	Not Applicable
Horger	Tim	PJM Interconnection, LLC	Not Applicable
Horning	Lynn	PJM Interconnection, LLC	Not Applicable
Hugee	Jacquelynn	PJM Interconnection, LLC	Not Applicable
Kelley	Michael	PJM Interconnection, LLC	Not Applicable
LaRocque	Matthew	PJM Interconnection, LLC	Not Applicable
Manion	Evelyn	PJM Interconnection, LLC	Not Applicable
Mayben	William	PJM Board of Managers	Not Applicable
McGlynn	Paul	PJM Interconnection, LLC	Not Applicable
McLavery	Megan	PJM Interconnection, LLC	Not Applicable
McLeod	Ian	PJM Interconnection, LLC	Not Applicable
Ott	Andrew L.	PJM Interconnection, LLC	Not Applicable
Pacella	Christopher	PJM Interconnection, LLC	Not Applicable
Pilong	Chris	PJM Interconnection, LLC	Not Applicable
Schweizer	David	PJM Interconnection, LLC	Not Applicable
Sechrist	Erin	PJM Interconnection, LLC	Not Applicable
Shparber	Steve	PJM Interconnection, LLC	Not Applicable
Slusser	Jeff	PJM Interconnection, LLC	Not Applicable
Tribulski	Jennifer	PJM Interconnection, LLC	Not Applicable
Weiss	Glenn	PJM Interconnection, LLC	Not Applicable
Whooley	Jerry	PJM Interconnection, LLC	Not Applicable
Williams	Stan	PJM Interconnection, LLC	Not Applicable
Withrow	David	PJM Interconnection, LLC	Not Applicable

ADMINISTRATION (9:00-9:05)

Mr. Kormos welcomed stakeholders to the meeting and Mr. Anders provided the Anti-trust and Code of Conduct announcements.

ENDORSEMENTS/APPROVALS

1. DRAFT MINUTES

Minutes of the February 27, 2014 Markets and Reliability Committee (MRC) meeting were **approved** by acclamation with one objection and no abstentions.



2. PJM MANUALS

- A. Mr. McGlynn presented revisions to Manual 14A: Generation and Transmission Interconnection Process Attachment F and G regarding generator modeling requirements. Following discussion, the proposed revisions were endorsed by acclamation with no objections or abstentions.

3. PJM SETTLEMENT, INC.

Ms. Daugherty presented proposed revisions to PJM's Tariff and Operating Agreement (OA) to clean up the list of agreements and transactions to which PJMSettlement, Inc. is not a party. Following discussion, the proposed revisions were endorsed by acclamation with no objections or abstentions.

4. ESUITE APPLICATION NAME CHANGES

- A. Mr. Punjabi presented proposed Tariff and OA revisions to effectuate the eSuite application name changes (i.e., changing eSchedules and EES to InSchedule and ExSchedule, respectively).
- B. Mr. Pacella presented updates to the Regional Transmission and Energy Scheduling Practices for the deployment of the ExSchedule application that will replace the EES application.

Following discussion, items 4.A and B were endorsed by acclamation with no objections and one abstention.

5. CONE REVIEW TIMING

Mr. Baker presented proposed Tariff revisions related to the timing of the CONE periodic review. Following discussion, the proposed revisions were endorsed by acclamation with no objections or abstentions.

FIRST READINGS

6. REGIONAL PLANNING PROCESS SENIOR TASK FORCE (RPPTF)

Mr. Barrett presented proposed OA and Tariff revisions related to the Multi-Driver Approach (MDA) developed by the RPPTF. He noted the parallel paths of the review and approval of the MDA and the Transmission Owners' development of cost allocation methodologies and Tariff revisions. The Transmission Owners will present their proposed MDA cost allocation Tariff revisions to the members at the April 21, 2014 Members Committee Informational Webinar. The committee will be asked to endorse the MDA OA and Tariff revisions at its next meeting (the Transmission Owners will file the associated Tariff revisions directly with the FERC).

7. SETTLEMENT FORMULATION REVIEW – PHASE II

Ms. Daugherty provided the results of the Settlement Formulation Review – Phase II initiative and presented recommended Tariff and OA clarifications that resulted from this initiative. The committee will be asked to endorse these revisions at its next meeting.

8. CREDIT AVAILABLE FOR VIRTUAL TRANSACTIONS

Ms. Daugherty presented clarifying revisions to Attachment Q regarding Credit Available for Virtual Transactions. The committee will be asked to endorse these revisions at its next meeting.

9. CLARIFICATION TO TARIFF AND MANUALS FOR SYNCHRONIZED RESERVE MARKET PENALTY CHARGES

Ms. Coyne presented proposed clarifications to the Tariff and OA and Manuals 11: Energy & Ancillary Services Market Operations and Manual 28: Operating Agreement Accounting to account for aggregate response when determining Synchronized Reserve penalty charges for Tier 2 resources, and other clarifications to ensure accuracy of terms used in the Tariff and OA. The committee will be asked to endorse the proposed revisions at its next meeting.



10. ZONAL BASE LOAD

Mr. Horger presented proposed Tariff, OA and Manual 6: Financial Transmission Rights revisions related to the definition of zonal base load. The committee will be asked to endorse these revisions at its next meeting.

11. TRANSITION MECHANISM FOR CAPACITY MARKET CHANGES PROBLEM STATEMENT

Ms. Ford presented a proposed problem statement / issue charge related to a transition mechanism for capacity market changes. The committee will be asked to approve the problem statement / issue charge at its next meeting.

12. OFFER CAP REVIEW PROBLEM STATEMENT

Ms. Ford presented a proposed problem statement / issue charge related to a review of offer caps. The committee will be asked to approve the problem statement / issue charge at its next meeting.

13. MARKET DATA POSTINGS PROBLEM STATEMENT

This item was deferred to a future meeting.

14. GENERATOR DATA PROBLEM STATEMENT

Mr. Horton presented a proposed problem statement / issue charge to permit transmission operators to view generation output data on a real-time basis. The committee will be asked to approve the problem statement / issue charge at its next meeting.

15. PJM MANUALS

A. Ms. Esterly presented proposed revisions to Manual 18: PJM Capacity Market to conform the Manual to recent and pending FERC orders and seasonal verification testing. The committee will be asked to endorse these revisions at its next meeting.

B. Mr. Pilog reviewed changes to Manual 13: Emergency Operations. The committee will be asked to endorse these revisions at its next meeting.

FUTURE AGENDA ITEMS

No additional Future Agenda item were identified.

FUTURE MEETINGS

April 24, 2014	9:00 AM	Wilmington, DE
May 29, 2014	9:00 AM	Wilmington, DE
June 26, 2014	9:00 AM	Wilmington, DE
July 31, 2014	9:00 AM	Wilmington, DE
August 28, 2014	9:00 AM	Wilmington, DE
September 18, 2014	9:00 AM	Wilmington, DE
October 30, 2014	9:00 AM	Wilmington, DE
November 20, 2014	9:00 AM	Wilmington, DE
December 18, 2014	9:00 AM	Wilmington, DE

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