



DRAFT
Minutes
PJM Interconnection
Markets and Reliability Committee
The Chase Center on the Riverfront, Wilmington, DE
May 29, 2014
9:00 a.m. – 3:30 p.m.

CHAIR/SECRETARY

Kormos	Michael J.	PJM Interconnection, LLC	Not Applicable
Ford	Adrien	PJM Interconnection, LLC	Not Applicable

VOTING PARTICIPANTS

Last Name	First Name	Company	Sector
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Benchek	Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bleiweis	Bruce	DC Energy LLC	Other Supplier
Borgatti	Michael	Rep.'g Covanta Energy Group, Inc.	Generation Owner
Borgatti	Michael	Rep.'g Jersey Green Energy LLC	Other Supplier
Borgatti	Michael	Rep.'g RC Cape May Holdings, LLC	Generation Owner
Borgatti	Michael	Rep.'g York County Solid Waste and Refuse Authority	Generation Owner
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 (pre-2008)	Electric Distributor
Campbell	Bruce	Rep.'g EnergyConnect, Inc.	Other Supplier
Campbell	Bruce	Rep.'g Mid-Atlantic Power Partners	Other Supplier
Czigler	Frank	Public Service Electric & Gas Company	Transmission Owner



Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
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
Fitch	Neal	NRG Power Marketing LLC	Generation Owner
Foladare	Kenneth	IMG Midstream LLC	Generation Owner
Fondacci	Luis	North Carolina Electric Membership Corporation	Electric Distributor
Francis	Frank	Brookfield Energy Marketing LP	Other Supplier
Fuess	Jay	Rep.'g Castlebridge Energy Group, LLC	Other Supplier
Fuess	Jay	Rep.'g Diamond State Generation Partners, LLC	Generation Owner
Fuess	Jay	Rep.'g Energy Consulting Services LLC	Other Supplier
Fuess	Jay	Rep.'g Evraz Claymont Steel	Other Supplier
Fuess	Jay	Rep.'g Ictec.com, Inc.	Other Supplier
Fuess	Jay	Rep.'g Kuehne Chemical Company, Inc.	Other Supplier
Fuess	Jay	Rep.'g PBF Power Marketing LLC	Generation Owner
Gill	Richard	UGI Utilities, Inc.	Transmission Owner
Greening	Michele	PPL EnergyPlus, L.L.C.	Transmission 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
Hastings	David	Rep.'g Discount Energy Group, LLC	Other Supplier
Hastings	David	Rep.'g Mercuria Energy America, Inc.	Other Supplier
Hastings	David	Rep.'g Saracen Energy East LP	Other Supplier
Hastings	David	Rep.'g SESCO Enterprises LLC	Other Supplier
Hastings	David	Rep.'g Solios Power LLC	Other Supplier
Hastings	David	Rep.'g Twin Cities Power, LLC	Other Supplier
Hendrix	Chris	Texas Retail Energy, LLC	Other Supplier
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Horstmann	John	Dayton Power and Light Company (The)	Transmission Owner
Horton	Dana	Appalachian Power Company (AEP Generation)	Transmission Owner
Jablonski	James	Rep.'g Borough of Butler, Butler Electric Division	Electric Distributor
Jablonski	James	Rep.'g Borough of Lavallette, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Borough of Madison, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Borough of Milltown	Electric Distributor
Jablonski	James	Rep.'g Borough of Park Ridge, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Borough of Pemberton	Electric Distributor
Jablonski	James	Rep.'g Borough of Seaside Heights, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Borough of South River, New Jersey	Electric Distributor
Jablonski	James	Rep.'g Vineland Municipal Electric Utility	Electric Distributor
Jett	William	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 Mont Alto, PA (Borough of)	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 Thurmont, MD (Town of)	Electric Distributor
Johnson	Carl	Rep.'g Williamsport, MD (Town of)	Electric Distributor
Johnson	Carl	Rep.'g WPPI Energy	Other Supplier
Knies	Heather	LM Power, LLC	Other Supplier
Kogut	George	New York Power Authority	Other Supplier
Leonard	Ryan	IBERDROLA RENEWABLES, LLC	Generation Owner
Levine	Jeffrey	GDF SUEZ Energy Marketing NA, Inc.	Other Supplier
Lieberman	Steven	Old Dominion Electric Cooperative	Electric Distributor
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Ma	Alex	Invenergy, LLC	Generation 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
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Peoples	John	Duquesne Light Company	Transmission Owner
Plante	Matthieu	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Poulos	Greg	EnerNOC, Inc.	Other Supplier
Pratzon	David	Rep.'g Calpine Energy Services, L.P.	Generation Owner
Pratzon	David	Rep.'g Homer City Generation, L.P.	Generation Owner
Pratzon	David	Rep.'g Liberty Electric Power, LLC	Generation Owner
Quinlan	Pamela	Rockland Electric Company	Transmission Owner
Rainey	Frank	PEI Power Corporation	Generation Owner
Riding	MQ	Essential Power Rock Springs, LLC	Transmission Owner
Rivera	Diana	Rock Island Clean Line LLC	Other Supplier



Rohrbach	John	Rep.'g Southern Maryland Electric Cooperative	Electric Distributor
Rohrbach	John	Rep.'g Wabash Valley Power Association, Inc.	Electric Distributor
Rutigliano	Tom	Rep.'g Achieving Equilibrium LLC	Other Supplier
Rutigliano	Tom	Rep.'g Demansys Energy, LLC	Other Supplier
Rutigliano	Tom	Rep.'g EMC Development Company, Inc.	Other Supplier
Rutigliano	Tom	Rep.'g Enerwise Global Technologies, Inc.	Other Supplier
Scarpignato (Scarp)	David	Direct Energy Business, LLC	Other Supplier
Scoglietti	Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Sidhom	Noha	Inertia Power I, LLC	Other Supplier
Singh	Harry	J. Aron & Company	Other Supplier
Sitaraman	Nicole	Ofc... People's Counsel ... District of Columbia	End User Customer
Skucas	Ruta	Rep.'g Alphataraxia Palladium LLC	Other Supplier
Skucas	Ruta	Rep.'g Apple Group LLC	Other Supplier
Skucas	Ruta	Rep.'g Dyon, LLC	Other Supplier
Skucas	Ruta	Rep.'g E Minus LLC	Other Supplier
Skucas	Ruta	Rep.'g Great Bay Energy I, LLC	Other Supplier
Skucas	Ruta	Rep.'g Hexis Energy Trading, LLC	Other Supplier
Skucas	Ruta	Rep.'g Mac Trading, Inc	Other Supplier
Skucas	Ruta	Rep.'g MET MA, LLC	Other Supplier
Skucas	Ruta	Rep.'g Monterey MA, LLC	Other Supplier
Skucas	Ruta	Rep.'g Pure Energy, Inc.	Other Supplier
Skucas	Ruta	Rep.'g Red Wolf Energy Trading, LLC	Other Supplier
Slade	Louis	Virginia Electric & Power Company	Transmission Owner
Thompson	Matt	Property Endeavors, LLC	End User Customer
Trayers	Barry	Citigroup Energy, Inc.	Other Supplier
Tsikirayi	Edward	Long Island Lighting Company d/b/a LIPA	Other Supplier
Volpe	Mark	Dynegy Marketing & Trade, LLC	Generation Owner
Wadsworth	Joe	Vitol Inc.	Other Supplier

NON-VOTING PARTICIPANTS

Last Name	First Name	Company	Sector
Abbott	Tim	Duke Energy Business Services, Inc.	Generation Owner
Ainspan	Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Allen	Wesley	Red Wolf Energy Trading, LLC	Other Supplier
Bainbridge	Thomas	FirstEnergy Solutions Corporation	Transmission Owner
Batta	Michael	Virginia Electric and Power Company	Transmission Owner
Berger	Ken	Virginia Electric & Power Company	Transmission Owner
Berry	Michael	Noble Americas Energy Solutions LLC	Other Supplier
Biltz	Kara	Buckeye Power, Inc.	Electric Distributor
Birnel	William	Westar Energy, Inc.	Other Supplier



Bleiweis	Bruce	DC Energy, L.L.C.	Other Supplier
Bloom	David	Baltimore Gas and Electric Company	Transmission Owner
Bolan	Martin	FirstEnergy Solutions Corporation	Transmission Owner
Bonanni	John	NRG Power Marketing, L.L.C.	Generation Owner
Bowes	Chuck	Enerwise Global Technologies, Inc.	Other Supplier
Bowring	Joseph	Monitoring Analytics, LLC	Not Applicable
Brozina	Mark	Primary Power LLC	Other Supplier
Burns	Will	Burns Law Firm	Not Applicable
Butler	James	NiSource Inc.	Not Applicable
Caristia	James	PSEG Energy Resources and Trade LLC	Transmission Owner
Carmean	Gregory	OPSI	Not Applicable
Carretta	Kenneth	Public Service Electric & Gas Company ER&T	Transmission Owner
Comesky	Ben	E360 Power LLC	Not Applicable
Coyle	William	Dominion Virginia Power	Not Applicable
Dadourian	John	Monitoring Analytics, LLC	Not Applicable
Dean	Evan	FirstEnergy Solutions Corporation	Transmission Owner
Deese	John	NextEra Energy Power Marketing, LLC	Generation Owner
Denavas	Joe	Potomac Electric Power Company	Electric Distributor
Dessenger	Harry	Customized Energy Solutions, Ltd.*	Not Applicable
Doolittle	Robin	Royal Bank of Canada	Other Supplier
Dorn	Andrew	Demand Response Partners, Inc.	Other Supplier
Dugan	William	Customized Energy Solutions, Ltd.*	Not Applicable
Durand	Janine	H-P Energy Resources LLC	Other Supplier
Ellison	Alan	Grays Ferry Cogeneration Partnership	Generation Owner
Esposito	Pati	NRG Power Marketing, L.L.C.	Generation Owner
Farber	John	Delaware Public Service Commission	Not Applicable
Fazio	Danielle	BTG Pactual Commodities US LLC	Other Supplier
Feierabend	Rick	Dominion Virginia Power	Not Applicable
Feldman	Brett	Navigant Consulting	Not Applicable
Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Frelich	Jessica	Integrus Energy Services, Inc.	Other Supplier
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
Gonzalez	Paul	Direct Energy Business, LLC	Other Supplier
Grimes	Mike	EDP Renewables North America, LLC	Generation Owner
Guler	Teoman	J. Aron & Company	Other Supplier
Gulyassy	Grant	Noble Americas Gas & Power Corp.	Other Supplier
Guo	J.J.	Appalachian Power Company	Transmission Owner
Hall	Walter	Maryland Public Service Commission	Not Applicable



Hanson	Mark	Illinois Commerce Commission	Not Applicable
Hariharan	Anish	Goldman Sachs	Not Applicable
Haugen	Joe	IGS Energy	Not Applicable
Hayes	Patrick	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Hayik	Seth	Monitoring Analytics, LLC	Not Applicable
Heidorn	Richard	RTO Insider	Not Applicable
Heizer	Fred	Ohio PUC	Not Applicable
Hilaski	Steve	Pepco Holdings Incorporated	Not Applicable
Hitch	George	Virginia Electric and Power Company	Transmission Owner
Hoeplinger	John	NRG Power Marketing, L.L.C.	Generation Owner
Hopper	Louis	DTG Pactual	Not Applicable
Hunsperger	Jennifer	Praxair, Inc.	Other Supplier
Huntoon	Stephen	NextEra Energy Power Marketing, LLC	Generation Owner
Hyzinski	Tom	PPL EnergyPlus, L.L.C.	Transmission Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Generation Owner
Jasani	Sachin	Red Wolf Energy Trading, LLC	Other Supplier
Johnson	Nick	Tenaska Power Services Co.	Other Supplier
Jostworth	Kimberly	Royal Bank of Canada	Other Supplier
Judson-Mcqueeney	Judith	Customized Energy Solutions	Not Applicable
Juwanier	David	RTO Insider	Not Applicable
Kenaga	Kaden	Power Settlements	Not Applicable
Kerecman	Joseph	Calpine Energy Services, L.P.	Generation Owner
King	Alan	PBF Power Marketing LLC	Generation Owner
Kuehl	Brent	MidAmerican Energy Company	Other Supplier
Lacey	Frank	Enerwise Global Technologies, Inc.	Other Supplier
Lacy	Igor	Dominion Resources	Not Applicable
Leonard	Ryan	IBERDROLA RENEWABLES, Inc.	Generation 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
Lucas	Kevin	Maryland Energy Administration	Not Applicable
Lyakhovick	Leonid	PSEG Energy Resources and Trade LLC	Transmission Owner
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
Marzewski	Skyler	Monitoring Analytics, LLC	Not Applicable
Maucher	Andrea	Division of the Public Advocate of the State of Delaware	End-Use Customer
McAlister	Lisa	American Municipal Power, Inc.	Generation Owner
McCabe	Ann	Illinois Commerce Commission	Not Applicable
Mendelsohn	Mark	Noble Americas Gas & Power Corp.	Other Supplier
Merola	Becky	Noble Americas Energy Solutions LLC	Other Supplier



Miller	John	Commonwealth Edison Company	Transmission Owner
Mincemoyer	Phillip	Direct Energy Business, LLC	Other Supplier
Muchhala	Chiman	Dominion Virginia Power	Not Applicable
Nowell	Cynthia	Pepco Holdings Incorporated	Not Applicable
Ondayko	Brock	AEP	Transmission Owner
Parikh	Lopa	EEl	Not Applicable
Patrylo	Bob	H-P Energy Resources LLC	Other Supplier
Perrotti	Frank	New Jersey Board of Public Utilities	Not Applicable
Phillips	Marji	Hess Corporation	Other Supplier
Polakowski	Raymond	Hess Corporation	Other Supplier
Powers	Sean	Linde, LLC	End-Use Customer
Quinlan	Pamela	Rockland Electric Company	Transmission Owner
Rajan	Abhijit	Dominion Resources	Not Applicable
Reichert	Josh	Scotia Capital Energy Inc.	Not Applicable
Richardson	Frank	Exelon Generation Co., LLC	Transmission Owner
Rismiller	Randy	The Illinois Commerce Commission	Not Applicable
Rolashevich	Peter	The Federal Energy Regulatory Commission	Not Applicable
Schaefer	Krystina	Public Utilities Commission of Ohio	Not Applicable
Schaefer	Steve	Schaefer Consulting	Not Applicable
Schafer	Anita	Duke Energy Business Services, Inc.	Generation Owner
Schum	Alice	Illinois Municipal Electric Agency	Electric Distributor
Schupp	Jeremy	energy.me midwest llc d/b/a energy.me	Other Supplier
Scott	Mark	Customized Energy Solutions, Ltd.*	Not Applicable
Segal	Gabe	PA Consulting	Not Applicable
Shanker	Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Shelton	Chris	Millenium Power, Inc	Not Applicable
Sillin	John	The Federal Energy Regulatory Commission	Not Applicable
Sock	Bryan	PSEG Energy Resources and Trade LLC	Transmission Owner
Stadelmeyer	Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Staebs	Richard	Red Wolf Energy Trading, LLC	Other Supplier
Staska	Stephanie	Twin Cities Power, LLC	Other Supplier
Stubbe	Judy	Duke Energy Business Services, Inc.	Generation Owner
Stuchell	Jeff	FirstEnergy Solutions Corporation	Transmission Owner
Sullivan	Meg	Duquesne Light Company	Transmission Owner
Sunderhauf	Steve	Potomac Electric Power Company	Electric Distributor
Tatum	Ed	Old Dominion Electric Cooperative	Electric Distributor
Thomas	Glen	GT Power Group	Not Applicable
Venette	Fred	PBF Power Marketing LLC	Generation Owner
Villatoro	Karen	The Federal Energy Regulatory Commission	Not Applicable
Weaver	David	PECO Energy Company	Transmission Owner
Webster	John	lccetec.com, Inc.	Other Supplier



Wellborn	Samir	The Federal Energy Regulatory Commission	Not Applicable
Wilson	James	Wilson Energy Economics	Not Applicable
Wood	Gordon	ETC Endure Energy	Other Supplier
York	Katherine	Tennessee Valley Authority (The)	Other Supplier

PJM PARTICIPANTS

Last Name	First Name	Company	Sector
Baker	Scott	PJM Interconnection, LLC	Not Applicable
Barrett	Francis	PJM Interconnection, LLC	Not Applicable
Berner	Aaron	PJM Interconnection, LLC	Not Applicable
Boyle	Glen	PJM Interconnection, LLC	Not Applicable
Bratspis	David	PJM Interconnection, LLC	Not Applicable
Bresler	Stu	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
Carroll	Rebecca	PJM Interconnection, LLC	Not Applicable
Ciabattoni	Joe	PJM Interconnection, LLC	Not Applicable
Coyne	Suzanne	PJM Interconnection, LLC	Not Applicable
Dotter	Ray	PJM Interconnection, LLC	Not Applicable
Egan	Amanda	PJM Interconnection, LLC	Not Applicable
Ennis	Brad	PJM Interconnection, LLC	Not Applicable
Fabiano	Janell	PJM Interconnection, LLC	Not Applicable
Falin	Thomas	PJM Interconnection, LLC	Not Applicable
Fan	Zhenyu	PJM Interconnection, LLC	Not Applicable
Foley	Pauline	PJM Interconnection, LLC	Not Applicable
Ford	Adrien	PJM Interconnection, LLC	Not Applicable
Foster	Denise	PJM Interconnection, LLC	Not Applicable
Freeman	Jennifer	PJM Interconnection, LLC	Not Applicable
Glatz	Suzanne	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
Horning	Lynn	PJM Interconnection, LLC	Not Applicable
Hsia	Eric	PJM Interconnection, LLC	Not Applicable
Huang	Nancy	PJM Interconnection, LLC	Not Applicable
Hugee	Jacquelynn	PJM Interconnection, LLC	Not Applicable
Keech	Adam	PJM Interconnection, LLC	Not Applicable
Kelley	Michael	PJM Interconnection, LLC	Not Applicable
Kendall	Ross	PJM Interconnection, LLC	Not Applicable



Keshavamurthy	Bhavana	PJM Interconnection, LLC	Not Applicable
Kirby	James	PJM Interconnection, LLC	Not Applicable
Kormos	Michael J.	PJM Interconnection, LLC	Not Applicable
Langbein	Pete	PJM Interconnection, LLC	Not Applicable
Manion	Evelyn	PJM Interconnection, LLC	Not Applicable
Mason	Mary	PJM Interconnection, LLC	Not Applicable
McCartha	Esrick	PJM Interconnection, LLC	Not Applicable
McLavery	Megan	PJM Interconnection, LLC	Not Applicable
Morelli	Lisa	PJM Interconnection, LLC	Not Applicable
O'Neill	Jack	PJM Interconnection, LLC	Not Applicable
Ott	Andrew L.	PJM Interconnection, LLC	Not Applicable
Patel	Keyur	PJM Interconnection, LLC	Not Applicable
Pilong	Chris	PJM Interconnection, LLC	Not Applicable
Reiter	Heather	PJM Interconnection, LLC	Not Applicable
Ritchie	Sandra	PJM Interconnection, LLC	Not Applicable
Sasser	Jonathan	PJM Interconnection, LLC	Not Applicable
Schuyler	Ken	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
Souder	Dave	PJM Interconnection, LLC	Not Applicable
Souder	Michelle	PJM Interconnection, LLC	Not Applicable
Souder	Richard	PJM Interconnection, LLC	Not Applicable
Swimm	Nora C.	PJM Interconnection, LLC	Not Applicable
Tribulski	Jennifer	PJM Interconnection, LLC	Not Applicable
Velasco	Cheryl	PJM Interconnection, LLC	Not Applicable
Walter	Laura	PJM Interconnection, LLC	Not Applicable
Ward	Mike	PJM Interconnection, LLC	Not Applicable
Weiss	Glenn	PJM Interconnection, LLC	Not Applicable
Williams	Stan	PJM Interconnection, LLC	Not Applicable
Withrow	David	PJM Interconnection, LLC	Not Applicable
Xu	Xu	PJM Interconnection, LLC	Not Applicable
Zadlo	Thomas	PJM Interconnection, LLC	Not Applicable



ADMINISTRATION

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

ENDORSEMENTS/APPROVALS

1. DRAFT MINUTES

Minutes of the April 24, 2014 Markets and Reliability Committee (MRC) meeting were **approved** by acclamation with no objections or abstentions with the addition of Mr. Singh as a participant.

2. PJM MANUALS

- A. Mr. Boyle reviewed changes to Manual 36: System Restoration.
- B. Mr. Reiter reviewed changes to Manual 03: Transmission Operations.
- C. Ms. Coyne presented proposed revisions to Manual 28: Operating Agreement Accounting regarding provisions of additional details and cleanup items.
- D. Mr. Langbein presented proposed Manual 18: PJM Capacity Market revisions developed by the Demand Response Subcommittee that would allow a curtailment service provider to add additional MWs as "existing" for offer into RPM auction through an exception process if the nominated amount on the registration is low because the peak load contribution is low due to a load data anomaly.
- E. Ms. Souder presented conforming revisions to Manual 33: Administrative Services for the PJM Interconnection Operating Agreement to incorporate communications surrounding load reallocation due to member default.
- F. Mr. Langbein presented proposed revisions for DR Operational Enhancements to Manuals 11: Energy & Ancillary Services Market Operations, 13: Emergency Operations, 18: PJM Capacity Market, 19: Load Forecasting and Analysis, and 28: Operating Agreement Accounting. The proposed revisions to sections of Manual 18 related to small commercial demand response were deferred from consideration at this time.
- G. Mr. Souder presented revisions to the PJM Regional Practices in compliance with the recent FERC order related to Variable Energy Resources.

Following discussion, the proposed revisions in items 2.A through 2.G (including the modification into item 2.F) were **endorsed** by acclamation with no objections and one abstention.

3. REGIONAL PLANNING PROCESS SENIOR TASK FORCE (RPPTF)

Mr. Barrett presented proposed Operating Agreement (OA) and Tariff revisions related to the Multi-Driver Approach developed by the RPPTF. Following discussion, the proposed revisions were **endorsed** by acclamation with one objection and three abstentions.

4. FREQUENTLY MITIGATED UNITS (FMU)

Mr. Zadlo presented proposed adjustments to the FMU provisions. Following discussion, the main motion (represented as package G) **failed** in a sector-weighted vote with 1.99 in favor. The first alternate motion (package H) also **failed** in a sector-weighted vote with 2.65 in favor. The second alternate motion (package F) also **failed** in a sector-weighted vote with 1.62 in favor. Ms. Bruce moved and Mr. Griffiths seconded package A. Package A was **endorsed** in a sector-weighted vote with 3.46 in favor.

5. ENERGY AND RESERVES PRICING AND INTERCHANGE VOLATILITY (ERPIV)

Ms. Morelli presented a proposal developed during special sessions of the Market Implementation Committee (MIC) related to short term solutions to Energy and Reserves Pricing. PJM reaffirmed their commitment to provide an update after a few months of operation. Following discussion, the proposed revisions **failed** in a sector-weighted vote



with 2.21 in favor

Mr. Scarpignato moved and Ms. Bruce seconded the following:

- PJM package be endorsed with a sunset of September 30, 2014.
- A long-term solution being developed such that it can be filed at FERC no later than October 1, 2014.
- Stakeholders encourage the Board to file at FERC under Section 205 or 206, as appropriate, or take whatever action is deemed appropriate.
- The long-term solution should be implemented as soon as technically feasible with a desired target of January 1, 2015.

The alternate motion was endorsed by a sector-weighted vote with 4.71 in favor.

6. AUCTION SPECIFIC TRANSACTIONS IN RPM

Mr. Trayers, Citigroup Energy Inc., presented a problem statement regarding changes to the submission date of Auction Specific Transactions in RPM. Mr. Trayers moved and Mr. O'Connell seconded that the solution be approved directly without action on the problem statement. Following discussion, the motion was withdrawn. Following further discussion, the proposed problem statement was **endorsed** by acclamation with no objections or abstentions and was referred to the MIC for review of the proposed solution.

7. REVISIONS TO DEFINITION OF ZONAL BASE LOAD (OA 1.3.39)

Mr. Horger presented revisions to the definition of zonal base load. Following discussion, the proposed revisions were **endorsed** by acclamation with no objections and one abstention.

8. FTR MARKET ENHANCEMENTS

Mr. Ott presented a proposed problem statement and issue charge related to FTR market enhancements. The middle column of the problem statement was corrected to be labeled "adequacy" percentage, and the first key work activity of the issue charge was replaced with "Provide education regarding derivations of underfunding and discuss as appropriate which could result in expansion of items in scope." Following discussion, the proposed problem statement and issue charge were **approved** by acclamation with two objections and no abstentions.

FIRST READINGS

9. QUALIFYING TRANSMISSION UPGRADE (QTU) CREDIT REQUIREMENT SCOPE

Ms. Ford provided feedback from the MIC regarding scope of the issue charge. In particular, the discussion was regarding whether the scope includes a review of various mechanisms for QTUs to replace capacity commitments. It was agreed that the scope should be clearly defined by the MIC to include replacement capacity mechanisms.

10. MOPR UNIT SPECIFIC REVIEW

Mr. Baker presented a proposal related to the MOPR Unit Specific Review developed by the Capacity Senior Task Force. Mr. Carretta, PSEG, provided an overview of alternate Package D. The committee will be asked to endorse the proposal at its next meeting.

11. RPM SUPPLY CURVE TRANSPARENCY

Mr. Thomas Zadlo presented packages resulting from the MIC working session discussions. The committee will be asked to vote on packages at the June MIC.



12. GAS-FIRED UNIT COMMITMENT COORDINATION

Mr. Bryson presented a proposed problem statement and issue charge related to unit commitment practices for gas-fired generation units. The following friendly amendments were made:

- The Stakeholder Group Assignment was replaced with:
 - The issue will be addressed at the Operating Committee (OC) with assistance from the Market Implementation Committee (MIC) as appropriate. The approval authority will ultimately rest with the Markets and Reliability Committee (MRC).
- The following Key Work Activity was amended to include the parenthetical in the next bullet:
 - "Firmness" of PJM operator unit commitment decisions outside of DA market (focus on communications)
- The following new Key Work Activities were added:
 - Dual fuel tracking and considerations
 - How the following are defined and considered:
 - Economic versus reliability outages
 - EFORp
 - Tools to manage limited availability and unit flexibility parameters

Mr. Tatum moved, and Ms. Riding seconded, a motion to approve the problem statement and issue charge, as amended above. Following discussion, the problem statement and issue charge were approved, as amended, by acclamation with no objection and four abstentions.

13. ENERGY AND RESERVE MARKET EFFICIENCY

Mr. Keech presented a proposed problem statement and issue charge related to Energy and Reserve Market Efficiency. A friendly amendment was made to include the problem statement and issue charge in the ERPIV charter. The committee approved the charter revision by acclamation with no objections and one abstention.

14. FORWARD PRICE PROJECTION PERFORMANCE

Ms. Rebecca Carroll provided an update on PJM's efforts around the transparency and accuracy of IT SCED forward price projections.

15. SPS PRESENTATIONS

Mr. Kormos presented removal of the Conemaugh #2 Stability Trip Special Protection Scheme.

16. PJM MANUALS

- A. Ms. Huang was available for questions regarding revisions to Manual 01: Control Center and Data Exchange Requirements and Manual 14D: Generator Operational Requirements regarding PMU and new Generation Interconnection. The committee will be asked to endorse these revisions at its next meeting.
- B. Mr. McCarthy was available for questions regarding revisions to Manual 01: Control Center and Data Exchange Requirements and Manual 14D: Generator Operational Requirements regarding PJMnet. The committee will be asked to endorse these revisions at its next meeting.

17. DESIGNATED ENTITY AND INTERCONNECTION COORDINATION AGREEMENTS

Mr. Barrett presented the proposed draft Designated Entity Agreement (DEA) and Interconnection Coordination



Agreement (ICA) developed by the RPPTF and relating to FERC Order No. 1000 window proposal process. He noted that to comply with FERC order, the DEA must be filed prior to July 14, 2014.

INFORMATIONAL ITEMS

18. COLD WEATHER OPERATIONS

Mr. Kormos was available and took questions regarding the Cold Weather Operations Report and its key recommendations.

19. RPM AUCTION RESULTS

Mr. Ott was available and took questions regarding the results of the recently completed Base Residual Auction.

20. US COURT OF APPEALS DECISION ON FERC ORDER 745

Ms. Huges was available and took questions on the recent decision by the US Court of Appeals regarding FERC Order 745.

FUTURE AGENDA ITEMS

No new future agenda items were identified.

FUTURE MEETINGS

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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