

<u>DRAFT</u>

<u>Minutes</u> <u>PJM Interconnection</u> <u>Members Committee</u> <u>One Hundred-Thirty-eighth Meeting</u> <u>The Chase Center on the Riverfront, Wilmington, DE</u> <u>February 27, 2014</u> <u>1:45 p.m. – 5:00 p.m. EPT</u>

CHAIR/VICE CHAIR

Last Name	First Name	Company	Sector
Horton	Dana	AEP	Tranmission Owner
Jablonski	Jim	PPANJ	Electric Distributor

VOTING ATTENDEES

Last Name	First Name	Company	Sector
Applebaum	David	NextEra Energy Power Marketing, LLC	Generation Owner
Benchek	Jim	FirstEnergy Solutions Corp.	Transmission Owner
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 Castlebridge Energy Group, LLC	Other Supplier
Campbell	Bruce	Rep.'g Diamond State Generation Partners, LLC	Generation Owner
Campbell	Bruce	Rep.'g Energy Consulting Services LLC	Other Supplier
Campbell	Bruce	Rep.'g EnergyConnect, Inc.	Other Supplier
Campbell	Bruce	Rep.'g Evraz Claymont Steel	Other Supplier
Campbell	Bruce	Rep.'g Kuehne Chemical Company, Inc.	Other Supplier
Campbell	Bruce	Rep.'g Mid-Atlantic Power Partners	Other Supplier
Campbell	Bruce	Rep.'g PBF Power Marketing LLC	Generation Owner
Canter	David	Appalachian Power Company (AEP Generation)	Transmission Owner
Сох	Jason	Dynegy Marketing & Trade, LLC	Generation Owner
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
Fahey	Reem	Edison Mission Marketing and Trading, Inc.	Generation Owner
Fitch	Neal	NRG Power Marketing LLC	Generation Owner
Foladare	Kenneth	IMG Midstream LLC	Generation Owner
Fondacci	Luis	North Carolina Electric Membership Corporation	Electric Distributor
Fraiture	Christian	RBC Energy Services LP	Other Supplier
Francis	Frank	Brookfield Energy Marketing LP	Other Supplier
Giles	Steven	Allegheny Electric Cooperative, Inc.	Electric Distributor
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 Pennsylvania Office of Consumer Advocate	End User Customer
Griffiths	Dan	Rep.'g West Virginia Consumer Advocate Division	End User Customer
Guerry	Katie	EnerNOC, Inc.	Other Supplier
Hastings	David	Rep.'g DC Energy LLC	Other Supplier
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
Hirsch	Stephen	Downes Associates, Inc.	Other Supplier
Hirsch	Stephen	Rep.'g Mont Alto, PA (Borough of)	Electric Distributor
Hirsch	Stephen	Rep.'g Thurmont, MD (Town of)	Electric Distributor
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Horstmann	John	Dayton Power and Light Company (The)	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
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 Municipal Power Agency # 1	Other Supplier
Johnson	Carl	Rep.'g Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Rep.'g Williamsport, MD (Town of)	Electric Distributor
Johnson	Carl	Rep.'g WPPI Energy	Other Supplier
Kester	Erin	IBERDROLA RENEWABLES, LLC	Generation Owner



Kogut	George	New York Power Authority	Other Supplier
Lacey	Frank	Enerwise Global Technologies, Inc.	Other Supplier
Lacy	Catharine	Virginia Electric & Power Company	Transmission Owner
Levine	Jeffrey	GDF SUEZ Energy Marketing NA, Inc.	Other Supplier
Lieberman	Steven	Rep.'g DTE Energy Trading, Inc.	Other Supplier
Lieberman	Steven	Rep.'g Inertia Power I, LLC	Other Supplier
Lieberman	Steven	Old Dominion Electric Cooperative	Electric Distributor
Martin	Aaron	CMS Energy Resource Management Company	Other Supplier
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	Rep.'g Essential Power Rock Springs, LLC	Transmission Owner
O'Connell	Robert	JPMorgan Ventures Energy Corporation	Other Supplier
O'Connell	Robert	Rep.'g Vitol Inc.	Other Supplier
Parker	Seth	Long Island Lighting Company d/b/a LIPA	Other Supplier
Pratzon	David	Rep.'g Algonquin Energy Services Inc.	Other Supplier
Pratzon	David	Rep.'g Calpine Energy Services, L.P.	Generation Owner
Pratzon	David	Rep.'g Infigen Asset Management, LLC	Generation Owner
Pratzon	David	Rep.'g Liberty Electric Power, LLC	Generation Owner
Rohrbach	John	Rep.'g Southern Maryland Electric Cooperative	Electric Distributor
Rohrbach	John	Rep.'g Wabash Valley Power Association, Inc.	Electric Distributor
Rushing	Nathan	CPV Maryland, LLC	Generation Owner
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
Scarpignato	David	Direct Energy Business, LLC	Other Supplier
Scoglietti	Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Scott	Ann	Tenaska Power Services Co.	Generation Owner
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
Stadelmeyer	Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Sudhakara	Raghu	Rockland Electric Company	Transmission Owner
Sullivan	Megan	Duquesne Light Company	Transmission Owner
Trayers	Barry	Citigroup Energy, Inc.	Other Supplier
Webster	John	Icetec.com, Inc.	Other Supplier
Wolfe	Samuel	Viridity Energy, Inc.	Other Supplier

NON-VOTING ATTENDEES

Last Name	First Name	Company	Sector
Ainspan	Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Applebaum	David	NextEra Energy Power Marketing, LLC	Generation Owner
Beck	David	Duke Energy Business Services, Inc.	Generation Owner
Birnel	William	Westar Energy, Inc.	Other Supplier
Bloom	David	Baltimore Gas and Electric Company	Transmission Owner
Bowring	Joseph	Monitoring Analytics, LLC	Not Applicable
Buttner	Sally (Sarah)	Energy Transition Consulting, L.L.C.	Not Applicable
De Geeter	Ralph	Public Service Commission of Maryland	Not Applicable
Dean	Evan	FirstEnergy Solutions Corporation	Transmission Owner
Denavas	Joe	Potomac Electric Power Company	Electric Distributor
Dugan	William	Customized Energy Solutions, Ltd.*	Not Applicable
Farber	John	Delaware Public Service Commission	Not Applicable
Fernandes	John	Baltimore Gas and Electric Company	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Frelich	Jessica	Integrys 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
Gilkey	Rick	Customized Energy Solutions, Ltd.*	Not Applicable
Gill	Richard	UGI Utilities, Inc.	Transmission Owner
Gowrishankar	Vignesh	NRDC/FERC Project	Not Applicable
Heidorn	Richard	RTO Insider	Not Applicable



Heizer	Fred	Ohio PUC	Not Applicable
Hyzinski	Tom	PPL EnergyPlus, L.L.C.	Transmission Owner
Jett	William	Duke Energy Business Services, Inc.	Generation Owner
Judson- Mcqueeney	Judith	Customized Energy Solutions	Not Applicable
Jwanier	David	RTO Insider	Not Applicable
Lacy	Catharine	Virginia Electric & Power Company	Transmission Owner
Litchfield	Matthew	Competitive Power Ventures, Inc.	Not Applicable
Mahoney	Julie	New York State Electric & Gas Corporation	Other Supplier
Mancuso	Marie	Baltimore Gas and Electric Company	Transmission Owner
Marton	Dave	FirstEnergy Solutions Corporation	Transmission Owner
Maucher	Andrea	Division of the Public Advocate of the State of Delaware	End-Use Customer
McAlister	Lisa	American Municipal Power, Inc.	Generation Owner
Monroe	Alicia	The Federal Energy Regulatory Commission	Not Applicable
Murray	Michael	NextEra Energy Power Marketing, LLC	Generation Owner
Ondayko	Brock	AEP	Transmission Owner
Orlando	Jim	Northern Indiana Public Service Company	Other Supplier
Prendergast	Michael	Public Service Electric & Gas Company	Transmission Owner
Saini	Ishwar	Macquarie Energy LLC	Other Supplier
Schaefer	Steve	Schaefer Consulting	Not Applicable
Scott	Mark	Monument Energy LLC	Not Applicable
Snider	Daniel	AEP	Transmission Owner
Snow	Robert	The Federal Energy Regulatory Commission	Not Applicable
Stubbe	Judy	Duke Energy Business Services, Inc.	Generation Owner
Stuchell	Jeff	FirstEnergy Solutions Corporation	Transmission Owner
Tatum	Ed	Old Dominion Electric Cooperative	Electric Distributor
Thiemann	Timothy	Duke Energy Business Services, Inc.	Generation Owner
Thomas	Glen	GT Power Group	Not Applicable
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Watson	Mark	Platts	Not Applicable
Weaver	David	PECO Energy Company	Transmission Owner
Wisersky	Megan	Madison Gas & Electric Company	Other Supplier
Wood	Gordon	ETC Endure Energy, LLC	Other Supplier
Yeboah	Ebony	FirstEnergy Solutions Corporation	Transmission Owner
York	Katherine	Tennessee Valley Authority (The)	Other Supplier



Last Name	First Name	Company	Sector
Anders	Dave	PJM Interconnection, LLC	Not Applicable
Baker	Scott	PJM Interconnection, LLC	Not Applicable
Barrett	Francis	PJM Interconnection, LLC	Not Applicable
Bastian	Jeff	PJM Interconnection, LLC	Not Applicable
Boyle	Glen	PJM Interconnection, LLC	Not Applicable
Boyle	Stephen	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
Daugherty	Suzanne	PJM Interconnection, LLC	Not Applicable
Dotter	Ray	PJM Interconnection, LLC	Not Applicable
Duane	Vince	PJM Interconnection, LLC	Not Applicable
Eckenrod	Robert	PJM Interconnection, LLC	Not Applicable
Egan	Amanda	PJM Interconnection, LLC	Not Applicable
Fabiano	Janell	PJM Interconnection, LLC	Not Applicable
Foster	Denise	PJM Interconnection, LLC	Not Applicable
Foster	Neel	PJM Board of Managers	Not Applicable
Glazer	Craig	PJM Interconnection, LLC	Not Applicable
Hauske	Thomas	PJM Interconnection, LLC	Not Applicable
Helm	Gary	PJM Interconnection, LLC	Not Applicable
Hendrzak	Chantal	PJM Interconnection, LLC	Not Applicable
Kelley	Michael	PJM Interconnection, LLC	Not Applicable
Kendall	Ross	PJM Interconnection, LLC	Not Applicable
Kormos	Michael J.	PJM Interconnection, LLC	Not Applicable
Langbein	Pete	PJM Interconnection, LLC	Not Applicable
LaRocque	Matthew	PJM Interconnection, LLC	Not Applicable
Manion	Evelyn	PJM Interconnection, LLC	Not Applicable
McGlynn	Paul	PJM Interconnection, LLC	Not Applicable
McLaverty	Megan	PJM Interconnection, LLC	Not Applicable
McNamara	Sean	PJM Interconnection, LLC	Not Applicable
O'Neill	Jack	PJM Interconnection, LLC	Not Applicable
Ott	Andrew L.	PJM Interconnection, LLC	Not Applicable
Punjabi	Gautam	PJM Interconnection, LLC	Not Applicable



Robinson	Charles	PJM Board of Managers	Not Applicable
Schmitt	Jeff	PJM Interconnection, LLC	Not Applicable
Sechrist	Erin	PJM Interconnection, LLC	Not Applicable
Slusser	Jeff	PJM Interconnection, LLC	Not Applicable
Swimm	Nora C.	PJM Interconnection, LLC	Not Applicable
Tribulski	Jennifer	PJM Interconnection, LLC	Not Applicable
Weiss	Glenn	PJM Interconnection, LLC	Not Applicable
Withrow	David	PJM Interconnection, LLC	Not Applicable

1. <u>ADMINISTRATION</u>

- A. Mr. Anders announced the following new member companies approved for PJM membership since the last meeting, bringing the total membership to 885:
 - Borough of Columbia, PA (Voting Member) selected the Other Supplier sector
 - Brick Standard LLC (Voting Member) selected the Generation Owner sector
 - BTG Pactual Commodities (US) LLC (Voting Member) selected the Other Supplier sector
 - Carroll County Energy LLC (Voting Member) selected the Other Supplier sector
 - CoefficientDR, LLC (Voting Member) selected the Other Supplier sector
 - Elgin Energy Center, LLC (Affiliate) selected the Generation Owner sector
 - Endurance Energy Midwest LLC (Voting Member) selected the Other Supplier sector
 - Evergreen Gas & Electric, LLC (Affiliate) selected the Other Supplier sector
 - GBE Energy Marketing Inc. (Voting Member) selected the Other Supplier sector
 - Moundsville Power, LLC (Affiliate) selected the Generation Owner sector
 - Pentacles Electric, LLLP (Voting Member) selected the Other Supplier sector
 - Residents Energy, L.L.C. (Affiliate) selected the Other Supplier sector
 - Sapphire Power Marketing LLC (Affiliate) selected the Generation Owner sector
 - Scrubgrass Generating Company, L.P. (Affiliate) selected the Generation Owner sector
 - Sunwave USA Holdings Inc. (Voting Member) selected the Other Supplier sector
 - Tokamak Energy Fund I, LP (Voting Member) selected the Other Supplier sector
 - TranSource, LLC (Associate Member)
 - Wylan Energy, L.L.C. (Voting Member) selected the Other Supplier sector

Mr. Anders noted that 11 members had withdrawn since the last meeting.

- B. Mr. Anders confirmed the presence of a quorum.
- C. Mr. Anders reminded participants of Anti-trust and Code of Conduct requirements.

2. <u>CONSENT AGENDA</u>

The following was **approved** by acclamation with no objections or abstentions.

A. Draft minutes of the December 9, 2013 meeting



3. MC VICE CHAIR REPORT

- A. Mr. Jablonski provided update on 2014 Members Committee Annual Plan.
- B. Mr. Jablonski provided an update on preparation for the April 1, 2014 Liaison Committee Meeting.

4. <u>REPLACEMENT CAPACITY</u>

This item was removed from the agenda

5. GAS / ELECTRIC SYSTEM OPERATOR COMMUNICATIONS

Mr. Eckenrod discussed proposed Operating Agreement revisions related to sharing of information between gas pipeline providers and electric transmission providers. Following discussion, the Members present <u>approved</u> the proposed revisions by acclamation with no objections or abstentions.

6. <u>MARKET REPORT</u>

Mr. Bresler reviewed the February 2014 Markets Report. He noted that the report would normally be presented at the Members Committee Webinar, however winter operations conditions caused a slight delay in consolidation of the necessary data.

7. WEBINAR FEEDBACK

Mr. Lieberman discussed the Up-to Congestion Transaction portion of the IMM presentation at the February 24, 2014 MC Webinar. He expressed concern that initial results could be misinterpreted and that erroneous or mistaken conclusions could be drawn, and noted the request of Old Dominion Electric Cooperative for specification of assumptions and additional investigation into the data and assertions contained in the report. Ms. Godson and Ms. Daugherty discussed the collateral defaults presented at the February 24, 2014 MC Webinar.

8. <u>FUTURE AGENDA ITEMS</u>

Mr. Lieberman suggested future consideration of enhancing Tariff provisions surrounding conditions under which the Independent Market Monitor would make referrals to the FERC for inappropriate market participant behavior in lieu of potential Tariff revisions related to the Replacement Capacity issue.

9. FUTURE MEETINGS

March 27, 2014	1:15 PM	Wilmington, DE
April 24, 2014	1:15 PM	Wilmington, DE
May 15, 2014	9:30 AM	Cambridge, MD
June 26, 2014	1:15 PM	Wilmington, DE
July 31, 2014	1:15 PM	Wilmington, DE
September 18, 2014	1:15 PM	Wilmington, DE
October 30, 2014	1:15 PM	Wilmington, DE
November 20, 2014	1:15 PM	Wilmington, DE

Author: Docs #: D. A. Anders 783463, v.1