

Minutes

PJM Interconnection
Members Committee
One Hundred-fiftieth Meeting
Borgata Hotel, Casino and Spa, Atlantic City, NJ
May 21, 2015
9:30 a.m. – 12:00 noon EPT

1. Keynote Speaker

The Honorable James J. Florio, former Governor of New Jersey, provided remarks. He discussed the significant challenges facing the energy industry.

2. Comments by the President and CEO

Mr. Boston provided remarks on the state of PJM, noting significant challenges and achievements in the past year.

PJM Board Chair Howard Schneider

CEO designate Andy Ott

3. Comments by the Members Committee Chair

Mr. Jablonski provided remarks on the accomplishments and challenges of the PJM community in the past year.

4. Administration

A. Mr. Anders announced the following new member companies approved for PJM membership since the last meeting, bringing the total membership to 936:

- Doswell Limited Partnership (Affiliate) selected the Generation Owner sector
- Office of the Attorney General, Kentucky (Ex Officio) selected the End Use Customer sector
- Michigan Department of attorney General, Environment, Natural Resources, & Agriculture Division (Ex Officio) selected the End Use Customer sector
- MidAmerican Energy Services, LLC (Affiliate) selected the Other Supplier sector
- Middlesex Energy Center, LLC (Voting Member) selected the Generation Owner sector
- ZF Energy Development, LLC (Voting Member) selected the Generation Owner sector

The following members changed sector designations:

- Calpine Bethlehem, LLC (Affiliate) changing from Electric Distributor to Generation Owner sector
- EverPower Commercial Services, LLC (Voting Member) changing from Generation Owner to Other Supplier sector
- Headwaters Wind Farm, LLC (Affiliate) changing from Other Supplier to Generation Owner sector
- Hoosier Energy REC, Inc. (Voting Member) changing from Electric Distributor to End Use Customer sector
- Keys Energy Center LLC (Affiliate) changing from Other Supplier to Generation Owner sector
- Middlesex County Utilities Authority (Voting Member) changing from Generation Owner to End Use Customer sector
- Moundsville Power, LLC (Affiliate) changing from Generation Owner to Other Supplier sector

- Northern Illinois Municipal Power Agency (Voting Member) changing from Electric Distributor to Other Supplier sector
- PEPCO Energy Services, Inc. (Affiliate) changing from Other Supplier to Generation Owner sector
- Riverside Generating, LLC (Affiliate) changing from Other Supplier to Generation Owner sector
- RRI Energy Solutions East, LLC (Affiliate) changing from Generation Owner to Other Supplier sector
- Wisconsin Electric Power Company (Voting Member) changing from Generation Owner to Other Supplier sector

Mr. Anders noted that twenty-five members had withdrawn since the last meeting.

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

5. Consent Agenda

Items 5.A was approved by acclamation with no objections or abstentions:

- draft minutes of the April 23, 2015 meeting

6. PJM Board of Managers Nominating Committee (NC)

Dr. Kinsey reviewed the activities of the Nominating Committee (NC) in identifying candidates for the Board of Managers, including consideration of the Operating Agreement's qualifications for Board members. She reported that the process was in accordance with the Bylaws and Code of Conduct for the committee, and that the NC was unanimous in its selection of candidates. On behalf of the NC, Dr. Kinsey nominated the following candidates for the Board of Managers:

- Mr. Terry Blackwell
- Mr. Neel Foster
- Ms. Sarah Rogers
- Mr. Howard Schneider

The Members present **elected** these four candidates.

Dr. Kinsey reported that the Board of managers has adopted a new policy to be effective with the next Board election. Under the new policy no Board member will serve for more than five terms or will be eligible for election after their seventy-fifth birthday.

Finally, Dr. Kinsey thanked the NC Sector representatives for their service:

- Mr. Foadare – Generation Owner Sector
- Ms. Esposito – Other Supplier Sector
- Ms. McAlister – Electric Distributor Sector
- Ms. Roberts – End Use Customer Sector
- Mr. Shamash – Transmission Owner Sector

7. Energy Market Uplift Sr. Task Force

Mr. Adam Keech presented revisions to rules regarding treatment of Combustion Turbine Lost Opportunity Cost developed by the Energy Market Uplift Senior Task Force. Following discussion the committee **endorsed** the revisions by acclamation with no objections or abstentions.

8. Residential Demand Response Measurement & Verification

Mr. Pete Langbein discussed PJM's intention to file in late May 2015 the Residential Demand Response Measurement and Verification Tariff revisions which were endorsed at the January 22, 2015 Members Committee meeting. Since these revisions may not become effective before the next Base Residual Auction, the endorsed Tariff revisions have been updated to include an additional Delivery Year to the transition plan. Following discussion the committee **endorsed** the revisions by acclamation with no objections and one abstention.

9. Stakeholder Responsiveness

Mr. McNamara discussed enhancements implemented and planned in response to stakeholder suggestions.

10. Reports

- A. Mr. Keech provided the report on market operations.
- B. Mr. Bryson provided the report on system operations.
- C. Mr. Duane provided the report on recent regulatory activities.
- D. Ms. Daugherty provided the report on 1Q15 financial performance.
- E. Mr. Williams provided the report on interregional coordination

11. MC Vice Chair Report

- A. Mr. Jablonski provided an update on 2014 Members Committee Annual Plan.
- B. Mr. Jablonski provided an update on the plans for the July 29, 2015 Liaison Committee meeting.

12. Future Agenda Items

No new future agenda items were identified.

13. Future Meetings

June 25, 2015	9:30 a.m.	Wilmington, DE
August 27, 2015	9:30 a.m.	Wilmington, DE
September 24, 2015	9:30 a.m.	Wilmington, DE
October 22, 2015	9:30 a.m.	Wilmington, DE
November 19, 2015	9:30 a.m.	Wilmington, DE

14. Attendance

In Attendance (Chair/Secretary):

Jablonski, James	PPANJ	Electric Distributor
Anders, Dave	PJM Interconnection, LLC	Not Applicable

In Attendance (Voting Participants):

Applebaum, David	NextEra Energy Power Marketing, LLC	Generation 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 RC Cape May Holdings, LLC	Generation Owner
Borgatti, Michael	Rep.'g Jersey Green Energy LLC	Other Supplier
Borgatti, Michael	Rep.'g York County Solid Waste and Refuse Authority	Generation Owner
Branch, John	SunCoke Energy, Inc.	Generation Owner
Brodbeck, John	Potomac Electric Power Company	Electric Distributor
Bruce, Susan	Rep.'g Praxair, Inc.	End User Customer
Bruce, Susan	Rep.'g Linde LLC	End User Customer
Bruce, Susan	Rep.'g Lehigh Portland Cement Company	End User Customer
Bruce, Susan	Rep.'g Air Liquide Industrial U.S., LP	End User Customer
Bruce, Susan	Rep.'g MeadWestvaco Corporation	End User Customer
Bruce, Susan	Rep.'g Air Products & Chemicals, Inc.	End User Customer
Bruce, Susan	Rep.'g Procter & Gamble Paper Products Company (The)	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 Wellsboro Electric Company (pre-2008)	Electric Distributor
Bruce, Susan	Rep.'g Trustees of the U of PA, dba University of Pennsylvania	End User Customer
Bruce, Susan	Rep.'g Letterkenny Industrial Development Authority	Electric Distributor
Bruce, Susan	Rep.'g Kimberly-Clark Corporation	Generation Owner
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carrier, Ron	Direct Energy Business, LLC	Other Supplier
Cox, Jason	Dynegy Marketing & Trade, LLC	Generation Owner
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fernands, Stephen	Galt Power Inc.	Other Supplier
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Foladare, Kenneth	IMG Midstream LLC	Generation Owner
Greening, Michele	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Griffiths, Dan	Rep.'g Indiana Office of Utility Consumer Counsel	End User Customer
Griffiths, Dan	Rep.'g Pennsylvania Office of Consumer Advocate	End User Customer
Griffiths, Dan	Rep.'g Maryland Office of Peoples Counsel	End User Customer
Griffiths, Dan	Rep.'g Division of the Public Advocate of State of Delaware	End User Customer
Griffiths, Dan	Rep.'g New Jersey Div. of the Ratepayer Advocate	End User Customer
Hargett, Christopher	Rockland Electric Company	Transmission Owner
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
Ivey, Susan	Exelon Business Services Company, LLC	Transmission Owner
Jablonski, James	Rep.'g Borough of Park Ridge, New Jersey	Electric Distributor
Jablonski, James	Rep.'g Borough of Seaside Heights, New Jersey	Electric Distributor

Jablonski, James	Rep.'g Borough of Pemberton	Electric Distributor
Jablonski, James	Rep.'g Borough of Milltown	Electric Distributor
Jablonski, James	Rep.'g Borough of Butler, Butler Electric Division	Electric Distributor
Jablonski, James	Rep.'g Borough of South River, New Jersey	Electric Distributor
Jablonski, James	Rep.'g Vineland Municipal Electric Utility	Electric Distributor
Jablonski, James	Rep.'g Borough of Madison, New Jersey	Electric Distributor
Jablonski, James	Rep.'g Borough of Lavallette, New Jersey	Electric Distributor
Johnson, Carl	Rep.'g Williamsport, MD (Town of)	Electric Distributor
Johnson, Carl	Rep.'g Central Virginia Electric Cooperative	Electric Distributor
Johnson, Carl	Rep.'g Blue Ridge Power Agency, Inc.	Electric Distributor
Johnson, Carl	Rep.'g Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson, Carl	Rep.'g Allegheny Electric Cooperative, Inc.	Electric Distributor
Johnson, Carl	Rep.'g Borough of Chambersburg (DTEET)	Electric Distributor
Johnson, Carl	Rep.'g North Carolina Electric Membership Corporation	Electric Distributor
Johnson, Carl	Rep.'g Mont Alto, PA (Borough of)	Electric Distributor
Johnson, Carl	Rep.'g Thurmont Municipal Light Company	Electric Distributor
Johnson, Carl	Rep.'g North Carolina Municipal Power Agency # 1	Other Supplier
Johnson, Carl	Rep.'g Illinois Municipal Electric Agency	Electric Distributor
Johnson, Carl	Rep.'g Energy Cooperative Association of PA	Other Supplier
Johnson, Carl	Rep.'g Hagerstown Light Department	Electric Distributor
Johnson, Carl	Rep.'g Buckeye Power, Inc.	Electric Distributor
Johnson, Carl	Rep.'g Madison Gas & Electric Company	Other Supplier
Johnson, Carl	Rep.'g Easton Utilities Commission	Electric Distributor
Johnson, Carl	Rep.'g City of Dover, Delaware	Electric Distributor
Johnson, Carl	Rep.'g WPPI Energy	Other Supplier
Johnson, Carl	Rep.'g Indiana Municipal Power Agency	Generation Owner
Johnson, Carl	Rep.'g Delaware Municipal Electric Corporation	Electric Distributor
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kogut, George	New York Power Authority	Other Supplier
Levine, Jeffrey	GDF SUEZ Energy Marketing NA, Inc.	Other Supplier
Lieberman, Steven	Old Dominion Electric Cooperative	Electric Distributor
Lopez, Danielle	Ofc... People's Counsel ... District of Columbia	End User Customer
Ma, Alex	Invenergy, LLC	Generation Owner
McAlister, Lisa	American Municipal Power, Inc.	Electric Distributor
Meier, Mariko	EnerNOC, Inc.	Other Supplier
Melnyk, Markian	Atlantic Grid Operations A, LLC	Other Supplier
Moerner, Lisa	Virginia Electric & Power Company	Transmission Owner
Nivolianitis, Ted	TransAlta Energy Marketing (U.S.) Inc.	Other Supplier
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Peoples, John	Duquesne Light Company	Transmission Owner

Poray, Michael	PPGI Fund A/B Development, LLC	Generation Owner
Riding, MQ	Essential Power Rock Springs, LLC	Transmission Owner
Rivera, Diana	Rock Island Clean Line LLC	Other Supplier
Roberts, Jackie	West Virginia Consumer Advocate Division	End User Customer
Scarp, David	Calpine Energy Services, L.P.	Generation Owner
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Waidelich, George	Safeway Inc.	End User Customer

In Attendance (Non-Voting Participants):

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
Berg, William	Exelon Generation Co., LLC	Transmission Owner
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Bolan, Martin	FirstEnergy Solutions Corporation	Transmission Owner
Bowring, Joseph	Monitoring Analytics, LLC	Not Applicable
Brenner, Lawrence	OPSI	Not Applicable
Brodbeck, John	Potomac Electric Power Company	Electric Distributor
Brozina, Mark	Tangibl	Not Applicable
Camarano, Pete	Cammarano, Layton & Bombardieri Partners, LLC	Not Applicable
Carmean, Gregory	OPSI	Not Applicable
Carrado, Regina	Exelon	Transmission Owner
Czigler, Frank	PSEG	Transmission Owner
DeLosa, Joseph	State of Delaware Public Service Commission	Not Applicable
Eisner, Merry	RTO Insider	Not Applicable
Ellison, Alan	Grays Ferry Cogeneration Partnership	Generation Owner
Esposito, Pati	Energy Cooperative Association of PA	Other Supplier
Farber, John	Delaware Public Service Commission	Not Applicable
Fernandes, John	Renewable Energy Systems Americas	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Gadani, Jignasa	The Federal Energy Regulatory Commission	Not Applicable
Garnett, Bryan	Duke American Transmission Company	Not Applicable
Gaston, Vilna	Public Service Electric & Gas Company	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio	Not Applicable
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Gockley, Beatrice	Johnson Controls, Inc.	Not Applicable
Godson, Gloria	Potomac Electric Power Company	Electric Distributor
Grant, Annalee	SNL Energy	Not Applicable

Hagaman, Derek	GT Power Group	Not Applicable
Heidorn, Richard	RTO Insider	Not Applicable
Herel, Suzanne	RTO Insider	Not Applicable
Huntoon, Stephen	Coastal Wind Resources, LLC	Not Applicable
Hyzinski, Tom	PPL EnergyPlus, L.L.C.	Transmission Owner
Icart, Eric	The Federal Energy Regulatory Commission	Not Applicable
Ivey, Susan	Exelon Business Services Company, LLC	Transmission Owner
Jardot, Gina	Essential Power, LLC	Generation Owner
Jett, William	Duke Energy Business Services, Inc.	Generation Owner
Kerecman, Joseph	Calpine Energy Services, L.P.	Generation Owner
Kopon, Owen	Steel Producers	Not Applicable
Lacy, Catharine	Dominion Resources	Not Applicable
Mahoney, Julie	New York State Electric & Gas Corporation	Other Supplier
Mallory, Kenneth	DC office of The Peoples Council	End-Use Customer
Manning, James	North Carolina Electric Membership Corporation	Electric Distributor
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	Not Applicable
Marinelli, Richard	PSEG Energy Resources and Trade LLC	Transmission Owner
Martin, Valerie	The Federal Energy Regulatory Commission	Not Applicable
May, Sheri	Duke Energy Business Services LLC	Generation Owner
McAdams, Julius	Red Wolf Energy Trading, LLC	Other Supplier
McGarvey, Joseph	Exelon	Transmission Owner
Metzler, Jacob	Castleton Commodities Merchant Trading L.P.	Other Supplier
Mok, Alan	Duke Energy Business Services LLC	Generation Owner
Mortenson, Eric	Exelon Generation Co., LLC	Transmission Owner
Muller, Kerry	PPL	Transmission Owner
O'Connell, Robert	Main Line Electricity Market Consultants	Not Applicable
Olson, Eric	Constellation Energy Commodities Group, Inc.	Other Supplier
Ondayko, Brock	AEP	Transmission Owner
Owens, George	Downes Associates, Inc.	Other Supplier
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Patten, Kevin	American Electric Power	Transmission Owner
Pechin, Michael	Constellation Energy Commodities Group, Inc.	Other Supplier
Peoples, John	Duquesne Light Company	Transmission Owner
Powers, Mary	Platts Megawatt Daily	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Raymond, Stephanie	PPL	Transmission Owner
Richardson, Frank	PPL	Transmission Owner
Rohrbach, John	Southern Maryland Electric Cooperative	Not Applicable
Rosenthal, Brad	Cape May County Municipal Utility Authority	Electric Distributor

Sachdeva, Manmohan	Buckeye Power, Inc.	Electric Distributor
Saini, Ishwar	Macquarie Energy LLC	Other Supplier
Sasser, Jonathan	Customized Energy Solutions	Not Applicable
Schneider, Jonathan	FirstEnergy Solutions Corporation	Transmission Owner
Shamash, Hertzell	Dayton Power & Light Company (The)	Transmission Owner
Smith, Rusty	Solea Energy, LLC	Other Supplier
Sock, Bryan	PSEG Energy Resources and Trade LLC	Transmission Owner
Stadlmeyer, Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Stepenovitch, Joseph	KFW Energy, LLC	Other Supplier
Stewart, Travis	Gabel Associates	Not Applicable
Stuchell, Jeff	FirstEnergy Solutions Corporation	Transmission Owner
Tatum, Ed	Old Dominion Electric Cooperative	Electric Distributor
Taylor, Rob	Exelon Business Services Company, LLC	Transmission Owner
Thomas, Glen	GT Power Group	Not Applicable
Todd, Allen	Downes Associates, Inc.	Other Supplier
Vogel, Anne	American Electric Power	Transmission Owner
Weaver, David	Exelon	Transmission Owner
Wisersky, Megan	Madison Gas & Electric Company	Other Supplier
Wong, Kim	KFW Energy, LLC	Other Supplier
Wong, Ray	Ontario Power Generation Inc.	Other Supplier
Yannarell, David	PPL EnergyPlus, L.L.C.	Transmission Owner
York, Katherine	Tennessee Valley Authority (The)	Other Supplier

In Attendance (PJM Participants):

Almgren, Ake	PJM Board of Managers	Not Applicable
Barrett, Francis	PJM Interconnection, LLC	Not Applicable
Boyle, Stephen	PJM Interconnection, LLC	Not Applicable
Bratspis, David	PJM Interconnection, LLC	Not Applicable
Bryson, Michael	PJM Interconnection, LLC	Not Applicable
Burdis, Tim	PJM Interconnection, LLC	Not Applicable
Busta, Frank	PJM Interconnection, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
Dotter, Ray	PJM Interconnection, LLC	Not Applicable
Driscoll, Mary Ellen	PJM Interconnection, LLC	Not Applicable
Egan, Amanda	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

Ford, Adrien	PJM Interconnection, LLC	Not Applicable
Foster, Denise	PJM Interconnection, LLC	Not Applicable
Foster, Neel	PJM Board of Managers	Not Applicable
Heffentrager, Scott	PJM Interconnection, LLC	Not Applicable
Hendrzak, Chantal	PJM Interconnection, LLC	Not Applicable
Herling, Steven	PJM Interconnection, LLC	Not Applicable
Holland, Risa	PJM Interconnection, LLC	Not Applicable
Horowitz, Shira	PJM Interconnection, LLC	Not Applicable
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Hugee, Jacquelyn	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
Kinsey, Jean	PJM Board of Managers	Not Applicable
Kirby, James	PJM Interconnection, LLC	Not Applicable
Lahey, Richard	PJM Board of Managers	Not Applicable
Langbein, Pete	PJM Interconnection, LLC	Not Applicable
Luska, Kirsten	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
McNamara, Sean	PJM Interconnection, LLC	Not Applicable
Morelli, Lisa	PJM Interconnection, LLC	Not Applicable
Murphy-Lee, Lori	PJM Interconnection, LLC	Not Applicable
O'Brien, Tom	PJM Interconnection, LLC	Not Applicable
Ott, Andrew L.	PJM Interconnection, LLC	Not Applicable
Riley, Susan	PJM Board of Managers	Not Applicable
Robinson, Evelyn	PJM Interconnection, LLC	Not Applicable
Rogers, Sarah	PJM Board of Managers	Not Applicable
Salmon, Lisa	PJM Interconnection, LLC	Not Applicable
Schneider, Anne	PJM Interconnection, LLC	Not Applicable
Schneider, Howard	PJM Board of Managers	Not Applicable
Sechrist, Erin	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
Williams, Stan	PJM Interconnection, LLC	Not Applicable
Withrow, David	PJM Interconnection, LLC	Not Applicable



15.

Author:

D. A. Anders