

Minutes

PJM Interconnection
Members Committee
One Hundred-fifty-ninth Meeting
Hyatt Chesapeake, Cambridge, MD
May 19, 2016
9:30 a.m. – 12:00 noon EPT
Business Casual Attire

Comments by Director, Maryland Energy Administration

Dr. Tung, recently appointed the director of the Maryland Energy Administration, discussed the Maryland governor's administration's programs to promote energy policies that lower Marylanders' energy bills, fuel the creation of jobs, and protect the environment.

1. Comments by the President and CEO

Mr. Ott provided a look ahead for PJM.

2. Comments by the Members Committee Chair

Ms. Guerry provided remarks on the past year's accomplishments.

3. Administration

A. Mr. Anders announced the following new member companies approved for PJM membership since the last meeting, bringing the total membership to 975:

- Boston Energy Group, Inc. (Voting Member) selected the Other Supplier sector
- Clean Energy Future – Lordstown, LLC (Voting Member) selected the Generation Owner sector
- Coastal Strategies, LLC (Voting Member) selected the Other Supplier sector
- LQA, LLC (Affiliate Member) selected the Other Supplier sector
- North Hanover Solar W2-082, LLC (Affiliate Member) selected the Generation Owner sector
- Pine Hill Energy LLC (Affiliate Member) selected the Generation Owner sector
- South Field Energy (Affiliate Member) selected the Other Supplier sector
- Southland Industries (Voting Member) selected the Other Supplier sector

The following members changed sector designations:

- Brick Standard LLC changing from Other Supplier to Generation Owner
- Brookfield Power Piney & Deep Creek, LLC changing from Other Supplier to Generation Owner
- Cape May County Municipal Utilities Authority changing from Electric Distributor to Generation Owner
- Carroll County Energy LLC changing from Other Supplier to Generation Owner

- EDP Renewables North America, LLC changing from Other Supplier to Generation Owner
- Essential Power OPP, LLC changing from Transmission Owner to Generation Owner
- Everyday Energy, LLC changing from End Use Customer to Other Supplier
- Hawks Nest Hydro, LLC changing from Other Supplier to Generation Owner
- Mattawoman Energy, LLC changing from Other Supplier to Generation Owner
- Middlesex Energy Center, LLC changing Generation Owner to Other Supplier
- Prarieland Energy, Inc. changing from End Use Customer to Other Supplier
- TransCanada Power Marketing Ltd. changing from Other Supplier to Generation Owner

Mr. Anders noted that one member had withdrawn since the last meeting.

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

4. Consent Agenda

Items A, B and D were **approved/endorsed** by acclamation with no objections or abstentions. Item C was deleted (as it was accomplished at the April 28, 2016 meeting).

- A. Draft minutes of the April 28, 2016 meeting.
- B. Proposed revisions to Manual 34: PJM Stakeholder Process related to the periodic review.
- C. Deleted
- D. Proposed revisions to the Demand Response Emergency Energy Settlement Measurement and Verification process to change the emergency energy default CBL from the “hour before” methodology to the current default economic CBL (3 day type with symmetric additive adjustment).
- E. **Approve/endorse** proposed revisions to the Tariff and OA regarding incorporation of PJM Business Rules for Dynamic Transfers.

5. PJM Board of Managers Nominating Committee

Mr. Schneider 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. He 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, Mr. Schneider nominated the following candidates for the Board of Managers:

- Mr. Terry Blackwell
- Mr. Dean Oskvig
- Mr. Mark Takahashi

The Members present **elected** these three candidates. Finally, Mr. Schneider thanked the NC Sector representatives for their service:

- Mr. Kerecman – Generation Owner Sector
- Ms. Philips – Other Supplier Sector
- Ms. McAlister – Electric Distributor Sector
- Ms. Price – End Use Customer Sector
- Mr. Horstmann – Transmission Owner Sector

6. Stakeholder Survey

Ms. Foster and Ms. Carroll discussed results of the Stakeholder Survey and related action plans.

7. Information Technology Infrastructure

Mr. O'Brien discussed PJM IT infrastructure enhancements and plans for increased transparency regarding future IT infrastructure changes.

8. ITC Interconnection, LLC

Ms. Foley announced ITC Interconnection, LLC as a new transmission owner member of PJM and note the concomitant update to Tariff Attachment L.

9. Reports

- A. Mr. Bresler 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. Mr. Williams provided the report on interregional coordination.
- E. Dr. Bowring provided the report of the Independent Market Monitor.

10. MC Vice Chair Report

- A. Ms. Bruce provided update on 2016 Members Committee Annual Plan.
- B. Ms. Bruce provided a Liaison Committee update.

11. Future Agenda Items

No new future agenda items were identified.

12. Future Meetings

June 30, 2016	9:00 a.m.	Wilmington, DE
July 28, 2016	9:00 a.m.	Wilmington, DE
September 29, 2016	9:00 a.m.	Wilmington, DE
October 27, 2016	9:00 a.m.	Wilmington, DE
November 17, 2016	9:00 a.m.	Wilmington, DE

13. Attendance

In Attendance (Chair/Secretary):

Guerry, Katie	EnerNOC, Inc.	Other Supplier
Anders, Dave	PJM Interconnection, LLC	Not Applicable

In Attendance (Voting Participants):

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 Longview Power, LLC	Generation Owner
Borgatti, Michael	Rep'g Elgin Energy Center, LLC	Generation Owner
Borgatti, Michael	Rep'g Jersey Green Energy LLC	Other Supplier
Borgatti, Michael	Rep'g Covanta Energy Group, LLC	Generation Owner
Borgatti, Michael	Rep'g Newark Energy Center, LLC	Generation Owner
Borgatti, Michael	Rep'g NextEra Energy Power Marketing, LLC	Generation Owner
Borgatti, Michael	Rep'g York County Solid Waste and Refuse Authority	Generation Owner
Brodbeck, John	EDP Renewables North America, LLC	Generation Owner
Bruce, Susan	Rep'g Air Products & Chemicals, Inc.	End User Customer
Bruce, Susan	Rep'g Industrial Energy Users-Ohio	Other Supplier
Bruce, Susan	Rep'g Gerdau Ameristeel Energy, Inc.	Other Supplier
Bruce, Susan	Rep'g Procter & Gamble Paper Products Company (The)	End User Customer
Bruce, Susan	Rep'g Kimberly-Clark Corporation	Generation Owner
Bruce, Susan	Rep'g Letterkenny Industrial Development Authority	Electric Distributor
Bruce, Susan	Rep'g Praxair, Inc.	End User Customer
Bruce, Susan	Rep'g Linde, LLC	End User Customer
Bruce, Susan	Rep'g Wellsboro Electric Company	Electric Distributor
Bruce, Susan	Rep'g Lehigh Portland Cement Company	End User Customer

Bruce, Susan	Rep'g Air Liquide Industrials U.S., L.P.	End User Customer
Campbell, Bruce	Rep'g EnergyConnect, Inc.	Other Supplier
Campbell, Bruce	Rep'g Enerwise Global Technologies, Inc.	Other Supplier
Campbell, Bruce	Rep'g MidAtlantic Power Partners, LLC	Other Supplier
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ellison, Alan	Grays Ferry Cogeneration Partnership	Generation Owner
Esposito, Patricia	TransCanada Power Marketing Ltd.	Generation Owner
Fitch, Neal	NRG Power Marketing, LLC	Generation Owner
Fuess, Jay	Rep'g Kuehne Chemical Company, Inc.	Other Supplier
Fuess, Jay	Rep'g Icetec.com, Inc.	Other Supplier
Fuess, Jay	Rep'g Energy Consulting Services LLC	Other Supplier
Fuess, Jay	Rep'g PBF Power Marketing, LLC	Generation Owner
Fuess, Jay	Rep'g Diamond State Generation Partners, LLC	Generation Owner
Fuess, Jay	Rep'g Church Hill Solar Farm, LLC	Generation Owner
Greening, Michele	Talen Energy Marketing, LLC	Generation Owner
Greiner, Gary	Public Service Electric & Gas Company	Transmission Owner
Griffiths, Dan	Rep'g West Virginia Consumer Advocate Division	End User Customer
Griffiths, Dan	Rep'g Office of the Attorney General, Kentucky	End User Customer
Griffiths, Dan	Rep'g Maryland Office of People's Counsel	End User Customer
Griffiths, Dan	Rep'g Pennsylvania Office of Consumer Advocate	End User Customer
Griffiths, Dan	Rep'g Office of the People's Counsel for the District of Columbia	End User Customer
Griffiths, Dan	Rep'g New Jersey Division of Rate Counsel	End User Customer
Griffiths, Dan	Rep'g Indiana Office of Utility Consumer Counselor (IN OUCC)	End User Customer
Griffiths, Dan	Rep'g Delaware Division of the Public Advocate	End User Customer
Griffiths, Dan	Rep'g Illinois Citizens Utility Board	End User Customer
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Helms, Joseph	Rainbow Energy Marketing Corporation	Other Supplier
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Horton, Dana	Appalachian Power Company (AEP Generation)	Transmission Owner
Jablonski, James	Rep'g Borough of Lavallette, New Jersey	Electric Distributor

Jablonski, James	Rep'g Borough of Milltown, 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 Butler, Butler Electric Division	Electric Distributor
Jablonski, James	Rep'g Borough of Madison, New Jersey	Electric Distributor
Jablonski, James	Rep'g Borough of South River, New Jersey	Electric Distributor
Jablonski, James	Rep'g Borough of Park Ridge, New Jersey	Electric Distributor
Jablonski, James	Rep'g Vineland Municipal Electric Utility	Electric Distributor
Jardot, Gina	Essential Power Rock Springs, LLC	Transmission Owner
Johnson, Carl	Rep'g American Municipal Power, Inc.	Electric Distributor
Johnson, Carl	Rep'g Buckeye Power, Inc.	Electric Distributor
Johnson, Carl	Rep'g Indiana Municipal Power Agency	Generation Owner
Johnson, Carl	Rep'g North Carolina Electric Membership Corporation	Electric Distributor
Johnson, Carl	Rep'g Easton Utilities Commission	Electric Distributor
Johnson, Carl	Rep'g Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Johnson, Carl	Rep'g Borough of Chambersburg (DTEET)	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 Allegheny Electric Cooperative, Inc.	Electric Distributor
Johnson, Carl	Rep'g Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson, Carl	Rep'g City of Dover, Delaware	Electric Distributor
Johnson, Carl	Rep'g Galt Power, Inc.	Other Supplier
Johnson, Carl	Rep'g WPPI Energy	Other Supplier
Johnson, Carl	Rep'g North Carolina Municipal Power Agency # 1	Other Supplier
Johnson, Carl	Rep'g Madison Gas & Electric Co.	Other Supplier
Johnson, Carl	Rep'g Energy Cooperative Association of PA	Other Supplier
Johnson, Carl	Rep'g Town of Williamsport (The)	Electric Distributor
Johnson, Carl	Rep'g Thurmont Municipal Light Company	Electric Distributor
Johnson, Carl	Rep'g Borough of Mont Alto, Pennsylvania	Electric Distributor
Johnson, Carl	Rep'g Hagerstown Light Department	Electric Distributor

Johnson, Carl	Rep'g Illinois Municipal Electric Agency	Electric Distributor
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Kilgallen, Kevin	IBERDROLA RENEWABLES, LLC	Generation Owner
Kogut, George	New York Power Authority	Other Supplier
Levine, Jeffrey	GDF Suez Energy Marketing NA, Inc.	Other Supplier
Miller, Marguerite	Rep'g Barclays Capital Services, Inc	Other Supplier
Miller, Marguerite	Rep'g HSBC Technology & Services (USA), Inc.	Other Supplier
Miller, Marguerite	Rep'g Credit Suisse (USA), Inc.	Other Supplier
Miller, Marguerite	Rep'g Oxford Energy Services, LLC	Other Supplier
Nichols, Jim	BlueRock Energy, Inc.	Other Supplier
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Peoples, John	Duquesne Light Company	Transmission Owner
Pratzon, David	Rep'g Dynegy Marketing and Trade, LLC	Generation Owner
Pratzon, David	Rep'g Wheelabrator Frackville Energy Co., Inc.	Generation Owner
Pratzon, David	Rep'g Eastern Generation, LLC	Generation Owner
Prokop, Brenda	ITC Mid-Atlantic Development LLC	Other Supplier
Richardson, Frank (Chip)	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Sitaraman, Nicole	Office of the People's Counsel for the District of Columbia	End User Customer
Tatum, Ed	American Municipal Power, Inc.	Electric Distributor
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Waidelich, George	Safeway Inc.	End User Customer
Whitehead, Jeffrey	Direct Energy Business, LLC	Other Supplier
Yu, Joel	Rockland Electric Company	Transmission Owner

In Attendance (Non-Voting Participants):

Aglmick, Douglas	GEN OPS, LLC	Other Supplier
Ainspan, Malcolm	NRG Curtailment Solutions, Inc.	Other Supplier
Applebaum, David	NextEra Energy Power Marketing, LLC	Generation Owner
Beirne, Sam	Maryland Energy Administration	Not Applicable

Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Boughner, Arnold	Easton Utilities Commission	Electric Distributor
Carrado, Regina	Exelon Business Services Company, LLC	Transmission Owner
Currier, Jeffrey	Virginia Electric & Power Company	Transmission Owner
Davis, Connie	Cleveland Public Power	Electric Distributor
Denavas, Joe	Pepco Holdings Incorporated	Not Applicable
Everngam, Scott	The Federal Energy Regulatory Commission	Not Applicable
Farber, John	Delaware Public Service Commission	Not Applicable
Fiastro, John	Maryland Energy Administration	Not Applicable
Filomena, Guy	Customized Energy Solutions	Not Applicable
Garver, Andrew	Ohio Consumers' Counsel	Not Applicable
Gebolys, Debbie	Public Utilities Commission of Ohio	Not Applicable
Godson, Gloria	Exelon Business Services Company, LLC	Transmission Owner
Grubb, Rick	Northampton Generating Company, L.P.	Generation Owner
Hagaman, Derek	GT Power Group	Not Applicable
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Haugh, Mike	Ohio Consumers' Counsel	Not Applicable
Hayes, Patrick	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Herel, Suzanne	RTO Insider	Not Applicable
Herrera, Steve	Duke Energy Business Services, Inc.	Generation Owner
Huntoon, Stephen	Energy Counsel, LLP	Not Applicable
Hupp, Michael	Dominion Virginia Power	Not Applicable
Hyzinski, Tom	Talen Energy Marketing, LLC	Generation Owner
Janicki, Diane	Boston Energy Trading and Marketing LLC	Generation Owner
Jett, William	Duke Energy Business Services, Inc.	Generation Owner
Johnson, Matthew	The Energy Authority	Other Supplier
Ko, William	Boston Energy Trading and Marketing LLC	Generation Owner
Maloney, Harry	City of Dover, Delaware	Electric Distributor
Manning, James	North Carolina Electric Membership Corporation	Electric Distributor
Marton, Dave	FirstEnergy Solutions Corporation	Transmission Owner
May, Sheri	Duke Energy Business Services LLC	Transmission Owner
McCullogh, Andrew	Emera Energy Services, Inc.	Other Supplier
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner

Minalga, Jason	ITC Mid-Atlantic Development LLC	Other Supplier
Nadel, Steven	PPL	Transmission Owner
Norton, Chris	American Municipal Power, Inc.	Generation Owner
O'Connor, Siobhan	The Energy Authority	Other Supplier
Ondayko, Brock	AEP	Transmission Owner
Owens, George	Downes Associates, Inc.	Other Supplier
Patten, Kevin	American Electric Power	Transmission Owner
Price, Ruth	Delaware Public Advocates Office	Not Applicable
Reeping, Robert	FirstEnergy Solutions Corporation	Transmission Owner
Robson, Matt	SESCO Enterprises LLC	Other Supplier
Sachdeva, Manmohan	Buckeye Power, Inc.	Electric Distributor
Schafer, Anita	Duke Energy Business Services, Inc.	Generation Owner
Schum, Alice	Illinois Municipal Electric Agency	Electric Distributor
Seibel, August	IMG Midstream LLC	Other Supplier
Seide, Richard	Apex Clean Energy	Not Applicable
Sillin, John	The Federal Energy Regulatory Commission	Not Applicable
Stanton, Brian	TrueLight Commodities, LLC	Other Supplier
Sterling, Jennifer	Exelon	Transmission Owner
Stewart, Travis	Gabel Associates	Not Applicable
Stuchell, Jeff	FirstEnergy Solutions Corporation	Transmission Owner
Taylor, Rob	Exelon Business Services Company, LLC	Transmission Owner
Thomson, Heather	Michigan Alternative & Renewable Energy Center	Not Applicable
Tigue, John	New York State Electric & Gas Corporation	Other Supplier
Tung, Mary Beth	Maryland Energy Administration	Not Applicable
Vogel, Anne	American Electric Power	Transmission Owner
Walker, Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Watson, Mark	Platts	Not Applicable
Weber, Adam	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Weishaar, Bob	McNees Wallace & Nurick LLC	Not Applicable
Williams, Amber	New York State Electric & Gas Corporation	Other Supplier
Wilmoth, Emily	Dominion Virginia Power	Not Applicable
Wisersky, Megan	Madison Gas & Electric Company	Other Supplier

Wynn, Laura	Stone, Mattheis, Xenopoulos, & Brew, PC	Not Applicable
Xenopoulos, Damon	Stone, Mattheis, Xenopoulos, & Brew, PC	Not Applicable
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
Blackwell, Terry	PJM Board of Managers	Not Applicable
Boyle, Stephen	PJM Interconnection, LLC	Not Applicable
Bresler, Stu	PJM Interconnection, LLC	Not Applicable
Bryson, Michael	PJM Interconnection, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Daugherty, Suzanne	PJM Interconnection, LLC	Not Applicable
Driscoll, Mary Ellen	PJM Interconnection, LLC	Not Applicable
Duane, Vince	PJM Interconnection, LLC	Not Applicable
Ennis, Brad	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
Foster, Neel	PJM Board of Managers	Not Applicable
Glazer, Craig	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
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Kelley, Michael	PJM Interconnection, LLC	Not Applicable
Kinsey, Jean	PJM Board of Managers	Not Applicable
Koza, Frank	PJM Interconnection, LLC	Not Applicable
Lahey, Richard	PJM Board of Managers	Not Applicable
Langbein, Pete	PJM Interconnection, LLC	Not Applicable
Manion, Evelyn	PJM Interconnection, LLC	Not Applicable



Monzon, Stephanie	PJM Interconnection, LLC	Not Applicable
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Oskvig, Dean	PJM Board of Managers	Not Applicable
Ott, Andrew L.	PJM Interconnection, LLC	Not Applicable
Quintavalla, Ginger	PJM Interconnection, LLC	Not Applicable
Riley, Susan	PJM Board of Managers	Not Applicable
Robinson, Charles	PJM Board of Managers	Not Applicable
Rogers, Sarah	PJM Board of Managers	Not Applicable
Salmon, Lisa	PJM Interconnection, LLC	Not Applicable
Schneider, Howard	PJM Board of Managers	Not Applicable
Schuyler, Ken	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
Williams, Stan	PJM Interconnection, LLC	Not Applicable
Yeddanapudi, Sree	PJM Interconnection, LLC	Not Applicable

Author: D.A. Anders

