

Market Implementation Committee
PJM Conference & Training Center, Audubon, PA
April 8, 2015
9:30 a.m. – 12:30 p.m. EPT

Administration

1. Ms. Adrien Ford and Ms. Christina Stotesbury provided meeting announcements and reviewed the Anti-trust, Code of Conduct and Media Participation policies.
2. Minutes from the March 11, 2015 Market Implementation Committee meeting were approved as posted.
3. Ms. Christina Stotesbury reviewed the MIC [Issue Tracking](#) items.

Mr. Chris Pulong, PJM, provided an update on the grid disturbance in the Washington D.C. area that occurred on Tuesday, April 7 shortly after 12:30 p.m. The resulting drop in voltage levels caused most equipment to transfer to backup systems. The problems were limited to the D.C. - Maryland area. PJM is working with transmission owners and NERC to review this disturbance in more detail.

Informational Update

4. **Transmission Outage Information**
Mr. Simon Tam, PJM, reviewed a plan to provide additional publicly posted information on the scheduled transmission outages.
5. **Manual 3 Revisions**
Ms. Nancy Huang, PJM, presented revisions to Manual 03: Transmission Operations as part of an annual review process. The target implementation date is June 1, 2015.

Working Issues

6. **External Capacity Transfer Rights**
Mr. Stu Bresler, PJM, presented a PJM proposal to allocate Capacity Transfer Rights to External Historic Resources. Additional information and examples will be provided at the May MIC meeting.
[Issue Tracking: External Capacity Transfer Rights](#)
7. **FERC Notice on Capacity Performance Proposal**
Mr. Andy Ott, PJM, provided an update on the PJM proposal to create a Capacity Performance product. In light of a deficiency notice delaying the decision on Capacity Performance, PJM asked the FERC on April 7 for a waiver to delay the Base Residual Auction. PJM will continue to provide Capacity Performance updates to stakeholders in a timely manner.
8. **Timing of Replacement Capacity Transactions**
Ms. Adrien Ford, PJM, led the Timing of Replacement Capacity Transactions discussion with stakeholders to build design components. Additional package proposals will be presented at the May MIC meeting for final consideration.
[Issue Tracking: Timing of Replacement Capacity Transactions](#)
9. **Transparency of Operational Changes**

Ms. Adrien Ford, PJM, led the Transparency of Operational Changes discussion to build design components. Package proposals will be presented at the May MIC meeting for final consideration.

[Issue Tracking: Operational Transparency](#)

Informational Section

Report on Market Operations

The Report on Market Operations will be reviewed during the [MC Webinar](#).

Pricing Interfaces

Mr. Joe Ciabattoni, PJM, was available during the meeting if there were any pricing interface questions. There were no new interfaces this month.

[Oasis System Information](#)

Interregional Coordination Update

Mr. Stan Williams, PJM, was available during the meeting if there were any interregional coordination questions.

MIC Working Session Updates

Tier 1 Compensation

A MIC working session was held on March 17, 2015.

The next meeting is scheduled for April 17, 2015. Meeting materials will be posted to the [MIC web site](#).

[Issue Tracking: Tier 1 Compensation](#)

Up-To Congestion Transactions

A MIC working session was held on June 10, 2014. This issue has been put on hold to allow greater concentration on the remaining issues in the stakeholder process which have more pressing completion date requirements. When available, materials will be posted to the [MIC web site](#).

[Issue Tracking: Up To Congestion Transactions – Financial and Node Limitation](#)

FTR Forfeiture

A MIC working session was held on February 18, 2014. When available, materials will be posted to the [MIC web site](#).

[Issue Tracking: FTR Forfeiture](#)

Energy Scheduling

Energy Scheduling was put on hold to allow for further discussion at Joint and Common Market (JCM) meetings. Interface pricing became more narrowly focused and document was issued to provide clarification around this issue. The other outstanding issue is related to the IMO Pricing Point, which PJM is working with Monitoring Analytics to define. Additional clarification will be provided when available.

[Issue Tracking: Energy Scheduling](#)

Subcommittee and Task Force Updates

Market Settlements Subcommittee (MSS)

Meeting materials are posted to the [MSS web site](#).

Credit Subcommittee (CS)

Meeting materials will be posted to the [CS website](#).

Demand Response Subcommittee (DRS)

Meeting materials will be posted to the [DRS web site](#).

Intermittent Resources Subcommittee (IRS)

Meeting materials will be posted to the [IRS web site](#).

Future Meeting Dates

May 6, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center
June 10, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center
July 8, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center
August 12, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center
September 9, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center
October 7, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center
November 4, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center
December 2, 2015	9:30 a.m.	PJM Interconnection – Conference & Training Center

In Attendance (In Person):

Ford, Adrien (Chair)	PJM Interconnection, LLC	Not Applicable
Anders, David	PJM Interconnection, LLC	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Benchek, Jim	FirstEnergy Solutions Corporation	Transmission Owner
Borgatti, Michael	Gable and Associates	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Brodbeck, John	Potomac Electric Power Company	Electric Distributor
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable
Canter, David	AEP	Transmission Owner
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Ciabattoni, Joe	PJM Interconnection, LLC	Not Applicable
Drauschak, Lisa	PJM Interconnection	Not Applicable
Egan, Amanda	PJM Interconnection, LLC	Not Applicable
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Foladare, Kenneth	IMG Midstream LLC	Generation Owner
Fuess, James	PBF Power Marketing LLC	Generation Owner
Greening, Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Griffiths, Dan	Consumer Advocates of PJM States	Not Applicable
Hagaman, Derek	GT Power Group	Transmission Owner
Heidorn, Rich	RTO Insider	Not Applicable
Tam, Simon	PJM Interconnection, LLC	Not Applicable
Herel, Suzanne	RTO Insider	None
Holter, Natasha	PJM Interconnection	None
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hyzinski, Tom	PPL EnergyPlus, L.L.C.	Transmission Owner
Jardot, Gina	Essential Power Rock Springs, LLC	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Lieberman, Steven	Old Dominion Electric Cooperative	Electric Distributor

Loomis, Harold	PJM Interconnection, LLC	Not Applicable
McLavery, Megan	PJM Interconnection, LLC	Not Applicable
Meier, Mariko	EnerNOC, Inc.	Other Supplier
Messer, Michael	Linde Energy Services, Inc.	End User Customer
Moerner, Lisa	Virginia Electric & Power Company	Transmission Owner
O'Connell, Robert	Main Line Electricity Market Consultants	None
Pratzon, David	GT Power Group	Not Applicable
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Scheidecker, Paul	PJM Interconnection, LLC	Not Applicable
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Sechrist, Erin	PJM Interconnection, LLC	Not Applicable
Snyder, Sue	PJM Interconnection, LLC	Not Applicable
Stadelmeyer, Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Stewart, Travis	Gable and Associates	None
Suh, Jung	Noble Americas Energy Solutions LLC	Other Supplier
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Walter, Laura	PJM Interconnection, LLC	Not Applicable
Williams, Stanley	PJM Interconnection, LLC	Not Applicable
Eisner, Merry	RTO Insider	Not Applicable
Huang, Nancy	PJM Interconnection, LLC	Not Applicable
Stotesbury, Christina	PJM Interconnection, LLC	Not Applicable

In Attendance via WebEx / Teleconference:

Steele, Bob	Acorn Energy Trading	Other Supplier
Baran, Eric	Allegheny Electric Cooperative, Inc	Electric Distributor
Hubbard, Lance	Allegheny Electric Cooperative, Inc.	Electric Distributor
Jones, Ryan	Allegheny Electric Cooperative, Inc.	Electric Distributor
Terry, Jonathan	Allegheny Electric Cooperative, Inc.	Electric Distributor
Libbos, Robin	Allegheny Power	Transmission Owner
Markiewicz, Cindy	Allegheny Power	Transmission Owner
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko, Brock	Appalachian Power Company	Transmission Owner
Erickson, David	Appalachian Power Company	Transmission Owner
Marquis, Greg	Atlantic City Electric Company	Electric Distributor
Kaczanowski, Marek	Baltimore Gas and Electric Company	Transmission Owner
Xu, Kevin	Bank of America Merrill Lynch	None
Zhang, Will	Barclays Bank	Other Supplier
Cha, Michael	BBT Capital Management	None
Crawford, Jonathan	Bloomberg	None
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Martinez, Leo	Boston Energy Trading & Marketing, LLC	Generation Owner
Kopon, Owen	Brickfield, Burchett, Ritts, and Stone, PC	Not Applicable
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Smith, Kara	Buckeye Power, Inc	Electric Distributor
Grooms, Craig	Buckeye Power, Inc.	Electric Distributor
Reid, Ryan	Buckeye Power, Inc.	Electric Distributor

Williams, Kent	Calpine Energy Services, LP	Generation Owner
Metzler, Jakob	Castleton Commodities Merchant Trading L.P.	Other Supplier
Chappelle, Laura	Chappelle Consulting	None
Rivera, Diana	Clean Line Energy	Not Applicable
Beermann, Terri	Commonwealth Chesapeake Company, LLC	Generation Owner
Miller, John	Commonwealth Edison Company	Transmission Owner
Thone, Daniel	Commonwealth Edison Company	Transmission Owner
Smyth, Dermot	ConEdison Energy, Inc.	Other Supplier
Gilani, Rehan	Consolidated Edison Energy Inc	Other Supplier
Davis, Matthew	Credit Suisse (USA), Inc.	Other Supplier
Berlinski, Mike	Customized Energy Solutions, Ltd.*	Not Applicable
Dessender, Harry	Customized Energy Solutions, Ltd.*	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
DeLosa, Joseph	DE Public Service Commission	Not Applicable
Farber, John	DE Public Service Commission	Not Applicable
Nowell, Cynthia	Delmarva Power & Light Company	Electric Distributor
Dorn, Andrew	Demand Response Partners, Inc.	Other Supplier
Arnold, Jonathan	Deutsche Bank USA	None
Erbrick, Michael	DhastCo,LLC	Not Applicable
Hastings, David	DhastCo,LLC	Not Applicable
Philips, Marjorie	Direct Energy Business, LLC	Other Supplier
Rajan, Abhijit	Dominion Resources	Not Applicable
Berger, Ken	Dominion Virginia Power	Not Applicable
Currier, Jeff	Dominion Virginia Power	Not Applicable
Feierabend, Rick	Dominion Virginia Power	Not Applicable
Lacy, Catharine	Dominion Virginia Power	Not Applicable
Wilmoth, Emily	Dominion Virginia Power	Not Applicable
Owens, George E.	Downes Associates, Inc.	Other Supplier
Jett, William	Duke Energy Business Services LLC	Generation Owner
Mok, Alan	Duke Energy Business Services LLC	Transmission Owner
Peoples, John	Dusquesne Light Company	Transmission Owner
Chocarro, Iker	E.ON Climate & Renewables North America Inc	Generation Owner
Comeskey, Benjamin	E360 Power LLC	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Synnott, Ian	Ecofin US	None
Seelaus, Andrew J.	EMC2 Development Company	Other Supplier
Kilgallen, Kevin	Emerald Energy	Not Applicable
Freeman, Michael	Emerald energy Consulting	Not Applicable
Fort, Jim	Energy Authority (The)	Other Supplier
Esposito, Pati	Energy Cooperative Association of Pennsylvania (The)	Other Supplier
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Matheson, Doug	EnerNOC, Inc.	Other Supplier
Riding, M.Q.	Essential Power OPP, LLC	Transmission Owner
Covello, Philip	Evercore ISI	None
Wilson, Chris	Exelon Corporation	None
Everngam, Scott	Federal Energy Regulatory Commission (The)	Not Applicable
Sillin, John	Federal Energy Regulatory Commission (The)	Not Applicable
Snow, Robert	Federal Energy Regulatory Commission (The)	Not Applicable

DiNicola, Laura	FirstEnergy Corporation	None
Klink, Troy	FirstEnergy Corporation	None
Schneider, Jon	FirstEnergy Corporation	None
Bolan, Martin	FirstEnergy Solutions Corporation	Transmission Owner
Stansky, Michael	FirstEnergy Solutions Corporation	Transmission Owner
Wilhite, Chad	FirstEnergy Solutions Corporation	Transmission Owner
Patterson, Paul	Glenrock Associates LLC	None
Bloom, David	Gridforce Energy Management, LLC	Other Supplier
Canto, Mike	Hartigen Solutions	None
Kothakapu, Rakesh	Illinois Municipal Electric Agency	Electric Distributor
Schum, Alice	Illinois Municipal Electric Agency	Electric Distributor
Haugen, Joe	Interstate Gas Supply Inc	Other Supplier
Ma, Alex	Invenergy	Generation Owner
Levine, Jeffrey	IPR-GDF SUEZ Energy Marketing NA, Inc.	Other Supplier
Burke, Robert	ISO New England	Not Applicable
Prokop, Brenda	ITC Mid-Atlantic Development LLC	Other Supplier
Powers, Sean	Linde Energy Service, Inc	End User Customer
Nicolay, Christi	Macquarie Energy LLC	Other Supplier
Saini, Ishwar	Macquarie Energy LLC	Other Supplier
Ward, James	Macquarie Energy LLC	Other Supplier
Hall II, Walter R.	Maryland Public Service Commission	Not Applicable
Binkley, David	MI Public Service Commission	Not Applicable
Butcher, Angie	Michigan Public Service commission	Not Applicable
Jansend, Sunny	MidAmerican Energy Company	Other Supplier
Burcat, Bruce	Mid-Atlantic Renewable Energy Coalition	Not Applicable
Josyula, Siva	Monitoring Analytics, LLC	Not Applicable
Kobus, Jim	Morgan Stanley Capital Group, Inc.	Other Supplier
Kochonies, Karen	Morgan Stanley Capital Group, Inc.	Other Supplier
Frost, Jodi	Moxie Liberty LLC	Other Supplier
Ogden, Henry	New Jersey Division of Rate Counsel	End User Customer
Mahoney, Julie	New York State Electric & Gas Corp.	Other Supplier
Applebaum, David	NextEra Energy Power Marketing, LLC	Generation Owner
Sheehan, Ken	NJ Board Public Utilities	Not Applicable
Filla, Tim	None	None
Hart, Joy	North Carolina Electric Membership Corporation	Electric Distributor
Huis, Diane	North Carolina Electric Membership Corporation	Electric Distributor
Manning, James	North Carolina Electric Membership Corporation	Electric Distributor
Wilkins, James	North Carolina Electric Membership Corporation	Electric Distributor
Noelle, Tom	NTE Ohio, LLC	Other Supplier
Mariam, Yohannes	Office of the People's Council for the Dist of Columbia	End Use Customer
Wehr, Christopher	Ohio Edison Company (ATSI CSP)	None
Gell, Richard	Ontario Power Generation Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
He, Sean	Other	None
Leesman, Rob	Owensboro Municipal Utilities	Other Supplier
Griffiths, Dan	Pennsylvania Office of Consumer Advocate	Not Applicable
Loudenburg, Zack	Pennsylvania Renewable Resources, Associates	Generation Owner
Delony, Jennifer	PennWell Corporation	None

Hilaski, Steve	PEPCO Holdings Inc	None
Sunderhauf, Steve	PEPCO Holdings Inc	None
Chiavaroli, Tom	PGI	None
Baker, Scott	PJM Interconnection, LLC	Not Applicable
Bhavaraju, Murty	PJM Interconnection, LLC	Not Applicable
Boyle, Stephen	PJM Interconnection, LLC	Not Applicable
Brown, Rich	PJM Interconnection, LLC	Not Applicable
Bruno, Pat	PJM Interconnection, LLC	Not Applicable
Burdis, Tim	PJM Interconnection, LLC	Not Applicable
Dolan, James	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
Falco, Christine	PJM Interconnection, LLC	Not Applicable
Franks, Chrisie	PJM Interconnection, LLC	Not Applicable
Gordon, Brad	PJM Interconnection, LLC	Not Applicable
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Keech, Todd	PJM Interconnection, LLC	Not Applicable
Kirby, James	PJM Interconnection, LLC	Not Applicable
LaRocque, Matthew	PJM Interconnection, LLC	Not Applicable
Marks, Lorrie	PJM Interconnection, LLC	Not Applicable
O'Neill, Jack	PJM Interconnection, LLC	Not Applicable
Patel, Keyur	PJM Interconnection, LLC	Not Applicable
Schmitt, Jeff	PJM Interconnection, LLC	Not Applicable
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Sechrist, Erin	PJM Interconnection, LLC	Not Applicable
Sitarchyk, Mike	PJM Interconnection, LLC	Not Applicable
Smith, Melissa	PJM Interconnection, LLC	Not Applicable
Souder, Michelle	PJM Interconnection, LLC	Not Applicable
Velasco, Cheryl	PJM Interconnection, LLC	Not Applicable
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Weiss, Glenn	PJM Interconnection, LLC	Not Applicable
Xu, Xu	PJM Interconnection, LLC	Not Applicable
Yeager, Leslie	PJM Interconnection, LLC	Not Applicable
Yeaton, Andrea	PJM Interconnection, LLC	Not Applicable
DeNavas, Joe	Potomac Electric Power Company	Electric Distributor
Reuter, Robert	Potomac Electric Power Company	Electric Distributor
Kazerooni, Hamid	PPL EnergyPlus, L.L.C.	Transmission Owner
Citrolo, John	PSEG Energy Resources and Trade LLC	Transmission Owner
Corash, Richard	PSEG Energy Resources and Trade LLC	Transmission Owner
Craig, Lathrop	Public Service Electric & Gas Co.	Transmission Owner
Hough, James	Public Service Electric & Gas Co.	Transmission Owner
Sock, Bryan	Public Service Electric & Gas Co.	Transmission Owner
Czigler, Frank	Public Service Electric & Gas Company	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio	Not Applicable
Etnoyer, Scott	Raven Power Marketing LLC	Generation Owner
Kim, Insoo	RBC Energy Services LP	Other Supplier
Mandel, Jason	RBC Energy Services LP	Other Supplier

Wunderlich, David	RBC Energy Services, L.P.	Other Supplier
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Banks, Carla	Rockland Capital Energy Investments, LLC	Not Applicable
Yu, Joel	Rockland Electric Company	Transmission Owner
Nader, Jordan	Runner Stone Power	None
Robson, Matt	SESCO Enterprises LLC	Other Supplier
Patterson, John	Siemens Industry Inc	Other Supplier
Trevino, Rita	Siemens Industry, Inc.	Other Supplier
Grant, Annalee	SNL Financial	None
Spencer, Douglas	Southeastern Power Administration	Other Supplier
Calhoun, Brian	Southern Company Services as agent for Southern Power Company	Other Supplier
Rohrbach, John	Southern Maryland Electric Cooperative	Electric Distributor
Clair, Adrienne	Stinson Leonard Street	None
Ramaekers, Bob	Tenaska Power Services Co.	Generation Owner
VanderHelm, Kyle	Tenaska Power Services Co.	Generation Owner
Hendrix, Chris	Texas Retail Energy, LLC	Other Supplier
Caylor, Ryan	Tudor, Pickering, Holt & Co.	Not Applicable
Shirk, Blake	Tudor, Pickering, Holt & Co.	Not Applicable
Ibarguren, Ignacio	Tyr Energy	None
Harmon, Michael	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Hamilton, Mark	Venor Capital Management	None
Ligas, Matt	Vitol Inc.	Other Supplier
Malliris, Christina	Washington Analysis, LLC	None
Chrzanowski, Jeffrey	Weiss Multi-Strategy Advisers LLC	None
Wilson, James	Wilson Energy Economics	Not Applicable
Martin, Beth	Wisconsin Electric	Generation Owner
Leovy, Steven	WPPI Energy	Other Supplier
Cramer, Morgan	Xoom Energy LLC	Other Supplier