

**Market Implementation Committee**  
**PJM Conference & Training Center, Audubon, PA**  
**November 2, 2016**  
**9:30 a.m. – 4:45 p.m. EPT**

## Administration

1. Ms. Christina Stotesbury, PJM, provided announcements and reviewed the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines.
2. Minutes from the October 5, 2016 Market Implementation Committee meeting were endorsed by acclamation with **0 objections** and **0 abstentions**.

Mr. Harold Loomis, PJM, notified the Committee that PJM will include in the October invoice the final refund from the Lehman Brothers bankruptcy estate for the Lehman Brothers Commodity Services, Inc. defaults in 2008 and 2009. Refunds received since 2013 represent 100% of PJM's settled claim against the Lehman estate.

3. Ms. Christina Stotesbury, PJM, reviewed the MIC issues on [Issue Tracking](#).

## Endorsements/Approvals

### 4. **Manual 15 – Fuel Cost Policy Revisions**

Mr. Jeff Schmitt, PJM, reviewed proposed revisions to Manual 15 – Cost Development Guidelines regarding Fuel Cost Policies contingent upon FERC approval of PJM's related compliance filing.

**The committee endorsed the Manual 15 revisions by acclamation with 7 objections and 2 abstentions.**

### 5. **Manual 28 – Operating Agreement Accounting Revisions**

Mr. Ray Fernandez, PJM, reviewed proposed revisions to Manual 28 to better describe a fully metered EDC.

**The committee endorsed the Manual 28 revisions by acclamation with 0 objections and 15 abstentions.**

### 6. **Governing document language for Operating Parameters**

Mr. Tom Hauske, PJM, reviewed proposed revisions to the PJM Tariff, and Manuals 11, 12, and 28.

A suggestion to include additional language was offered by the Market Monitor and the committee motioned to delay endorsing the governing document language until the December MIC meeting.

**The committee will be asked to endorse these manual revisions in December.**

## Working Issues

### 7. **Annual Revenue Requirements for new Black Start Units**

Mr. Tom Hauske, PJM, continued the discussion on Annual Revenue Requirements for new Black Start units. Stakeholder interests and solution options were captured for consideration.

[Issue tracking: Annual Revenue Requirements for new Black Start Units](#)

## 8. **Spot-in Transmission Service for Energy Imports from NYISO**

Mr. Chris Pacella, PJM, and Mr. Joe Wadsworth, Vitol, reviewed a new proposal to address spot-in transmission service for energy imports from NYISO. Due to the complexity of the solution proposed, the committee asked for a follow-up discussion on the solution to include the NYISO. The committee also motioned to amend the problem statement and issue charge to expand the scope beyond the NYISO border. Prior to voting to amend the problem statement and issue charge, the committee requested a Special Session of the MIC to not only further discuss the proposed solution but also to understand the scope and implications of expanding the problem statement to include all PJM borders.

[Issue Tracking: Spot-in Transmission Service for Energy Imports from NYISO](#)

## 9. **FERC Order 825 – Settlement Intervals & Shortage Pricing**

- A. Mr. Ray Fernandez, PJM, provided an update on Order 825 5-minute settlements. Additional information on congestion charge calculations will be provided at the next meeting.
- B. Ms. Rebecca Stadelmeyer, PJM, reviewed discussion items from the October 26 MIC Special Session and the current proposal. Stakeholders were given an opportunity to provide interests, options and packages for consideration.

## First Readings

### 10. **Residual ARR Enhancements**

Mr. Asanga Perera, PJM, reviewed the Residual ARR Enhancements issue, provided additional education requested at the October meeting investigating a larger residual negative ARR in February 2016, and presented an updated package as a first read.

**The committee will be asked to endorse this package at the December meeting.**

## Additional Updates

### 11. **Fuel Cost Policy Clarifications**

Dr. Joe Bowring, Monitoring Analytics, reviewed gas penalties as part of Fuel Cost Policies. Additional information on this topic will be provided at the December meeting.

### 12. **FTR FERC Order**

Mr. Asanga Perera, PJM, provided an update on the FERC Order addressing the PJM filing Docket ER16-121-000.

### 13. **Inter-Regional Coordination Activity**

Mr. Tim Horger, PJM, provided an update on Inter-Regional Coordination activity, including an update on the PSE&G/ConEd Wheel Modeling.

### 14. **Net Energy Metering Report**

Mr. Ken Schuyler, PJM, provided an update on the 2016 third quarter Net Energy Metering Report.

### 15. **Credit Subcommittee**

Mr. Hal Loomis, PJM, provided an updated on the FTR Credit Analysis that was previewed in September.

## Informational Section

### 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](#).

### Market Settlements Subcommittee (MSS)

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

### Report on Market Operations

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

## Future Meeting Dates

December 14, 2016	9:30 a.m.	PJM Interconnection – Conference & Training Center
January 11, 2017	9:30 a.m.	PJM Interconnection – Conference & Training Center
February 8, 2017	9:30 a.m.	PJM Interconnection – Conference & Training Center
March 8, 2017	9:30 a.m.	PJM Interconnection – Conference & Training Center
April 12, 2017	9:30 a.m.	PJM Interconnection – Conference & Training Center
May 3, 2017	9:30 a.m.	PJM Interconnection – Conference & Training Center
June 7, 2017	9:30 a.m.	PJM Interconnection – Conference & Training Center

## Members in Attendance

Hendrzak, Chantal (Chair)	PJM Interconnection, LLC	Not Applicable
Stotesbury, Christina (Secretary)	PJM Interconnection, LLC	Not Applicable
Benckek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Canter, David	Appalachian Power Company	Transmission Owner
Cox, Jason	Dynegy Power Marketing, Inc.	Generation Owner
Crystle, Gil	UGI Development Company	Transmission Owner
Dillon, Matt	UGI Development Company	Transmission Owner
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Griffiths, Dan	Consumer Advocates of PJM States	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Jardot, Gina	Essential Power Rock Springs, LLC	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Lieberman, Steven	Old Dominion Electric Cooperative	Electric Distributor
Longo, Lauren	Talen Energy Marketing, LLC	Generation Owner
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Suh, Jung	Noble Americas Energy Solutions LLC	Other Supplier

Trayers, Barry  
Wadsworth, Joseph  
Whitehead, Jeffrey

Citigroup Energy, Inc.  
Vitol Inc.  
Direct Energy Business Marketing, LLC

Other Supplier  
Other Supplier  
Other Supplier

## Also in Attendance

Anders, David	PJM Interconnection, LLC	Not Applicable
Borgatti, Michael	Gabel and Associates	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Bresler, Stu	PJM Interconnection, LLC	Not Applicable
Bryson, Mike	PJM Interconnection, LLC	Not Applicable
Ciabattoni, Joe	PJM Interconnection, LLC	Not Applicable
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Drauschak, Lisa	PJM Interconnection, LLC	Not Applicable
Driscoll, MaryEllen	PJM Interconnection, LLC	Not Applicable
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable
Fernandez, Ray	PJM Interconnection, LLC	Not Applicable
Fitzpatrick, Brian	PJM Interconnection, LLC	Not Applicable
Hagaman, Derek	GT Power Group	Not Applicable
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Hendrzak, Chantal	PJM Interconnection, LLC	Not Applicable
Holland, Risa	PJM Interconnection, LLC	Not Applicable
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Hugee, Jacquelyn	PJM Interconnection, LLC	Not Applicable
Kenney, Susan	PJM Interconnection, LLC	Not Applicable
Loomis, Harold	PJM Interconnection, LLC	Not Applicable
Luna, Joel	Monitoring Analytics, LLC	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
McLavery, Megan	PJM Interconnection, LLC	Not Applicable
Mooney, Catherine	Monitoring Analytics, LLC	Not Applicable
O'Connell, Robert	Main Line Electricity Market Consultants	Not Applicable
Pacella, Chris	PJM Interconnection, LLC	Not Applicable
Perera, Asanga	PJM Interconnection, LLC	Not Applicable
Pilong, Chris	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Schmitt, Jeff	PJM Interconnection, LLC	Not Applicable
Schuyler, Kenneth	PJM Interconnection, LLC	Not Applicable
Shparber, Steven	PJM Interconnection, LLC	Not Applicable
Smith, Melissa	PJM Interconnection, LLC	Not Applicable
Souder, Richard	PJM Interconnection, LLC	Not Applicable
Stadelmeyer, Rebecca	PJM Interconnection, LLC	Not Applicable
Strella, Lauren	PJM Interconnection, LLC	Not Applicable
Sweeney, Rory	Other	Not Applicable
Williams, Stanley	PJM Interconnection, LLC	Not Applicable

## In Attendance via Web Ex / Teleconference

Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Austin, Larry	PJM Interconnection, LLC	Not Applicable
Baker, Scott	PJM Interconnection, LLC	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Bazar, Kevin	PJM Interconnection, LLC	Not Applicable
Behrens, Jason	Tenaska Power Services Co	Generation Owner

Binder, Gerry	SESCO Enterprises LLC	Other Supplier
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Booth, Daniel	Calpine Energy Services, L.P.	Generation Owner
Borradaile, Mike	PJM Interconnection, LLC	Not Applicable
Boyle, Sean	PJM Interconnection, LLC	Not Applicable
Britt, Debbie	North Carolina Electric Membership Corporation	Electric Distributor
Brodbeck, John	EDP Renewables North America, LLC	Generation Owner
Brown, Rich	PJM Interconnection, LLC	Not Applicable
Budney, David	PJM Interconnection, LLC	Not Applicable
Bunch, Kevin	EDF Trading North America, LLC	Other Supplier
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Cicero, Nicholas	FirstEnergy Solutions Corp.	Transmission Owner
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Dadourian, John	Monitoring Analytics, LLC	Not Applicable
Depillo, Raymond	Public Service Electric & Gas Company	Transmission Owner
Dessenger, Harry	Customized Energy Solutions, Ltd.*	Not Applicable
Dickson, Douglas	New Jersey Board of Public Utilities	Not Applicable
Dillon, Matt	UGI Energy Services, LLC	Other Supplier
DiNicola, Laura	FirstEnergy Solutions Corp.	Transmission Owner
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Esposito-Hils, Pati	TransCanada Power Marketing Ltd.	Generation Owner
Evrard, David	Pennsylvania Office of Consumer Advocate	End user Customer
Farber, John	DE Public Service Commission	Not Applicable
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Guo, Jau-Jia	Appalachian Power Company	Transmission Owner
Haas, Howard	Monitoring Analytics, LLC	Not Applicable
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Harmon, Michael	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Hastings, David	Dhastco	Not Applicable
Hayik, Seth	Monitoring Analytics, LLC	Not Applicable
Heise, Randi	Dominion Virginia Power	Not Applicable
Henshaw, Frank	Constellation Energy Group	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Hyatt, John	Monitoring Analytics, LLC	Not Applicable
Hyzinski, Tom	Talen Energy Marketing, LLC	Generation Owner
Jablonski, James	Borough of Butler, Butler Electric Division	Electric Distributor
Jett, William	Duke Energy Ohio, Inc.	Transmission Owner
Jones, Ryan	Allegheny Electric Cooperative, Inc.	Electric Distributor
Kaczanowski, Marek	Baltimore Gas and Electric Company	Transmission Owner
Kauffman, Brian	NRG Power Marketing, LLC	Generation Owner
Kendall, Ross	PJM Interconnection, LLC	Not Applicable
Kingston, Amber	North Carolina Electric Membership Corporation	Electric Distributor
Kliner, Alicia	The Federal Energy Regulatory Commission	Not Applicable
Kuhn, Tyler	DC Energy, LLC	Other Supplier
Lacy, Catharine	Dominion Virginia Power	Not Applicable
Langbein, Peter	PJM Interconnection, LLC	Not Applicable
Lee, George	BJ Energy, LLC	Other Supplier
Lejcar, Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor

Libbos, Robin	FirstEnergy Solutions Corp.	Transmission Owner
Lind, Clarke	Powerex Corporation	Other Supplier
LoBue, Dan	Talen Energy Marketing, LLC	Generation Owner
Logan, Sharon	The Federal Energy Regulatory Commission	Not Applicable
Manning, James	North Carolina Electric Membership Corporation	Electric Distributor
McLaughlin, Jeffrey	PJM Interconnection, LLC	Not Applicable
Mihaly, Imola	Essential Power, LLC	Generation Owner
Miller, John	Commonwealth Edison Company	Transmission Owner
Olaleye, Michael	PJM Interconnection, LLC	Not Applicable
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Pakela, Gregory	DTE Energy Trading, Inc.	Other Supplier
Patel, Keyur	PJM Interconnection, LLC	Not Applicable
Patten, Kevin	Appalachain Power Company	Transmission Owner
Peebles, Andy	Shell Energy North America (US), LP	Other Supplier
Peoples, John	Duquesne Light Company	Transmission Owner
Powers, Sean	Linde Energy Services, Inc.	End User Customer
Price, Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Prokop, Brenda	ITC Mid-Atlantic Development LLC	Other Supplier
Prouse, Richard	Calpine Energy Services, L.P.	Generation Owner
Reeping, Bob	Pennsylvania Electric Company	Not Applicable
Riehl, John	The Federal Energy Regulatory Commission	Not Applicable
Robson, Matt	SESCO Enterprises LLC	Other Supplier
Rolashevich, Pete	The Federal Energy Regulatory Commission	Not Applicable
Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Saini, Ishwar	Macquarie Energy LLC	Other Supplier
Scoglietti, Barbara	Tangent Energy Solutions, Inc.	Other Supplier
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Shannon, Gary	AEP Energy Partners, Inc.	Other Supplier
Souder, Michelle	PJM Interconnection, LLC	Not Applicable
Stern, Alexander	Public Service Electric & Gas Company	Transmission Owner
Tangirala, Subha	US ABB	Not Applicable
Thomson, Heather	Mid-Atlantic Renewable Energy	Not Applicable
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Velasco, Cheryl	PJM Interconnection, LLC	Not Applicable
Vennekotter, Kristin	American Municipal Power, Inc.	Electric Distributor
Walter, Laura	PJM Interconnection, LLC	Not Applicable
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Warner-Freeman, Jennifer	PJM Interconnection, LLC	Not Applicable
Wellborn, Sam	The Federal Energy Regulatory Commission	Not Applicable
Wicks, Tonja	Duquesne Light Company	Transmission Owner
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Williams, Amber	New York State Electric & Gas Corporation	Other Supplier
Wilmoth, Emily	Dominion Virginia Power	Not Applicable
Xu, Xu	PJM Interconnection, LLC	Not Applicable
Yu, Joel	Rockland Electric Company	Transmission Owner

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