

Market Implementation Committee PJM Conference & Training Center, Audubon, PA August 12, 2015 9:30 a.m. - 2:30 p.m. EPT

Administration

- 1. Ms. Adrien Ford and Ms. Christina Stotesbury provided announcements and reviewed the Anti-trust, Code of Conduct and Media Participation policies.
- 2. Minutes from the July 8, 2015 Market Implementation Committee meeting were approved as posted.
- 3. Review MIC Issue Tracking

Endorsements/Approvals

4. Tier 1 Compensation Proposals

A. Ms. Adrien Ford, PJM, polled the committee regarding preference for the Tier 1 Compensation proposal that passed over the current status quo. The committee endorsed the proposal over the status quo with 100 in favor, 37 opposed, 32 abstentions (approved with 73% in favor).

B. Ms. Lisa Morelli, PJM, reviewed draft manual and tariff language. The committee will be asked to endorse this language at the September MIC meeting.

Issue Tracking: Tier 1 Compensation

5. Transparency of Operational Changes

Ms. Adrien Ford, PJM, polled the committee regarding preference for the Transparency of Operational Changes proposal that passed against the current status quo. The committee endorsed the proposal over the status quo by acclamation, with 1 abstention.

Issue Tracking: Operational Transparency

6. External Capacity Transfer Rights

Mr. Stu Bresler, PJM, reviewed the Replacement Capacity Transaction proposal. The committee endorsed this proposal with 80 in favor, 27 opposed, 42 abstentions (approved with 75% in favor). The Committee also endorsed this proposal over the status quo with 68 in favor, 39 opposed, and 50 abstentions (approved with 64% in favor). Issue Tracking: External Capacity Transfer Rights

First Readings

7. FTR Ownership Disclosure

Mr. Bruce Bleiweis, DC Energy, reviewed the FTR Ownership Disclosure issue and Problem Statement. The committee will be asked to endorse this Problem Statement and Issue Charge at the September MIC meeting.

Informational Updates

8. Net Energy Metering Quarterly Report

Mr. Ken Schuyler, PJM, provided an update on the guarterly Net Energy Metering Report.



 Cloverdale-Lexington Winter 2016 Outage and Bath County Stability SPS Extension Mr. Liem Hoang, PJM, presented an update on the Cloverdale-Lexington Winter 2016 outage and Bath County Stability SPS Extension.

10. Proposed Transmission Outage Submission Rule Change

Mr. Simon Tam, PJM, presented a proposed change to the long term transmission outage submission rule as described in Manual 03: Transmission Operations.

11. Markets Gateway

Ms. Risa Holland, PJM, discussed the Markets Gateway project to replace eMarket. Markets Gateway will move into production in early 2016.

12. Interregional Coordination Update

Mr. Tim Horger, PJM, provided an Interregional Coordination update. The next meeting will be held at the PJM Conference and Training Center on August 20.

13. MISO-PJM Seams Update for Day-Ahead M2M JOA Enhancements

Mr. Asanga Perera, PJM, provided a seams update for the MISO-PJM Day-Ahead Joint Operating Agreement.

14. Energy Market Offer Cap

- A. Ms. Adrien Ford, PJM, reviewed the potential timeline for discussing the Energy Market Offer Cap issue.
- B. Ms. Marji Philips, Direct Energy, reviewed an Energy Market Offer Cap proposal on behalf of Direct Energy.

15. New Pricing Interface DOM-CHES

Mr. Joe Ciabattoni, PJM, provided an update on a new pricing interface effective August 14, 2015.

Working Issues

16. Market Data Confidentiality Clarifications

Mr. Tom Zadlo, PJM, reviewed the problem statement and issue charge approved at the July MRC and provided education on the topic.

Issue Tracking: Market Data Confidentiality Clarifications

Informational Section

Report on Market Operations

The Report on Market Operations will be reviewed during the MC Webinar.

MIC Working Session Updates

Tier 1 Compensation

A MIC working session was held on May 15, 2015.

The group has finalized the solution packages and voted on these packages at the July MIC Meeting. Draft manual and tariff language was presented at the August MIC. Meeting materials will be posted to the <u>MIC web site</u>. 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 <u>MIC web site</u>.

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 <u>MIC web site</u>. <u>Issue Tracking: FTR Forfeiture</u>

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 <u>CS website</u>.

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

September 9, 2015
October 7, 2015
November 4, 2015
December 2, 2015

PJM Interconnection – Conference & Training Center PJM Interconnection – Conference & Training Center PJM Interconnection – Conference & Training Center PJM Interconnection – Conference & Training Center

Members in Attendance

Ford, Adrien (Chair)	PJM Interconnection, LLC
Stotesbury, Christina (Secretary)	PJM Interconnection, LLC
Canter, David	AEP
Esposito, Pati	Atlantic Grid Operations A, LLC
Kerecman, Joe	Calpine Energy Services, L.P.
Scarpignato, David	Calpine Energy Services, L.P.
Trayers, Barry	Citigroup Energy, Inc.
Filomena, Guy	Customized Energy Solutions, Ltd.*
Johnson, Carl	Customized Energy Solutions, Ltd.*
Horstmann, John	Dayton Power & Light Company (The)
Bleiweis, Bruce	DC Energy LLC
Peoples, John	Duquesne Light Company

9:30 a.m.

9:30 a.m.

9:30 a.m.

9:30 a.m.

Not Applicable Not Applicable Transmission Owner Other Supplier Generation Owner Other Supplier Not Applicable Not Applicable Transmission Owner Other Supplier Transmission Owner



Jardot, Gina Stadelmeyer, Rebecca Benchek, Jim Philips, Marji Schum, Alice Foladare, Kenneth Kogut, George Suh, Jung Lieberman, Steven Richardson, Frank Yu, Joel Greening, Michele Wadsworth, Joseph

Also in Attendance

Griffiths, Dan Lowe, Connie Borgatti, Michael Stewart, Travis Hagaman, Derek Pratzon, David O'Connell, Robert Hastings, David Mabry, David Brownell, Stan Bresler. Stu Bryson, Michael Carroll. Rebecca Chmielewski. Brian Ciabattoni. Joe Driscoll, Mary Ellen Egan, Amanda Fabiano, Janell Fernandez, Ray Hendrzak, Chantal Hoang, Liam Holland, Risa Horger, Tim Hsia. Eric Manion, Evelyn McLaverty, Megan Morelli, Lisa Olaleye, Michael Schuyler, Ken Sechrist. Erin Shparber, Steve Snyder, Sue Tam, Simon

Essential Power Rock Springs, LLC Exelon Business Services Company, LLC FirstEnergy Solutions Corporation Hess Corporation Illinois Municipal Electric Agency IMG Midstream LLC New York Power Authority Noble Americas Energy Solutions LLC Old Dominion Electric Cooperative PPL Corporation Rockland Electric Company Talen Energy Marketing, LLC Vitol Inc.

Consumer Advocates of PJM States **Dominion Virginia Power** Gable and Associates Gable and Associates GT Power Group **GT** Power Group Main Line Electricity Market Consultants Market Interconnection Consulting Services LLC McNees Wallace & Nurick LLC Monitoring Analytics, LLC PJM Interconnection, LLC PJM Interconnection. LLC PJM Interconnection. LLC PJM Interconnection, LLC

Transmission Owner Transmission Owner Transmission Owner Other Supplier Electric Distributor Other Supplier Other Supplier Electric Distributor Transmission Owner Transmission Owner Generation Owner Other Supplier

Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable None Not Applicable Not Applicable



Tribulski, Jennifer Velasco, Cheryl Mae Zadlo, Thomas Heidorn, Rich

RTO Insider

In Attendance via WebEx / Teleconference

Owens, Christina Phillips, Amanda Jones, Ryan Liang-Nicol, Cecilia Gabrieli, Anthony Norton. Chris Cox, Edward Ondayko, Brock Melnyk, Markian Melnyk, Markian Bloom. David Janicki. Diane Reid, Ryan Metzler, Jakob Davis, Connie Miller. John Dessender, Harry Johnson, Carl Sasser, Jonathan DeLosa, Joseph Farber, John Price. Ruth Call-in User Lowe, Connie Rajan, Abhijit Coyle, Billy Feierabend, Rick Lacy, Catharine Pakela, Gregory Jett, William Mok, Alan Garnett, Bryan Dugan, Chuck Knies, Heather Parikh, Lopa Theodore, Sharon Fort, Jim Ainspan, Malcolm Campbell. Bruce Poulos, Greg Wood, Gordon Icart, Eric

PJM Interconnection, LLC PJM Interconnection, LLC PJM Interconnection, LLC Aces Power Marketing Aces Power Marketing

Allegheny Electric Cooperative, Inc. Allegheny Power (MonPwr Gen) Ally Energy LLC. American Municipal Power, Inc. Appalachian Power Company Appalachian Power Company Atlantic Grid Operations A, LLC Atlantic Wind Connection Baltimore Gas and Electric Company Boston Energy Trading & Marketing, LLC Buckeye Power, Inc. (ATSI) Castleton Commodities Merchant Trading L.P. City of Cleveland, DPU, Div of Cleveland Public Pwr Commonwealth Edison Company Customized Energy Solutions, Ltd.* Customized Energy Solutions, Ltd.* Customized Energy Solutions, Ltd.* **DE Public Service Commission DE Public Service Commission** Div of the Public Advocate of the State of Delaware **Dominion Resources. Inc** Dominion Resources, Inc Dominion Resources, Inc Dominion Retail. Inc. **Dominion Virginia Power Dominion Virginia Power** DTE Energy Trading **Duke Energy Business Services LLC** Duke Energy Business Services, LLC Duke Energy Ohio, Inc. East Kentucky Power Cooperative, Inc. EDF Trading North America, LLC Edison Electric Institute **Electric Power Supply Association** Energy Authority (The) Energy Curtailment Specialists, Inc. EnergyConnect. Inc. EnerNOC, Inc. ETC Endure Energy L.L.C. Federal Energy Regulatory Commission (The)

Not Applicable Not Applicable Not Applicable Not Applicable

Not Applicable Not Applicable Electric Distributor Other Supplier Other Supplier Electric Distributor Transmission Owner **Transmission Owner** Other Supplier Not Applicable Transmission Owner Generation Owner Electric Distributor Other Supplier Electric Distributor Transmission Owner Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable End User Customer Not Applicable Not Applicable Not Applicable Other Supplier Not Applicable Not Applicable Other Supplier Transmission Owner Transmission Owner Transmission Owner Transmission Owner Other Supplier Not Applicable Not Applicable Other Supplier Other Supplier Other Supplier Other Supplier Other Supplier Not Applicable



Logan, Sharon Martin, Valerie Monroe, Alicia Rolashevich, Pete DiNicola, Laura Schneider, Jon Marton. David Wilhite, Chad Shanker, Roy Gorman. Kevin Schum. Alice Sidhom, Noha Prokop, Brenda Saini, Ishwar Wisersky, Megan De Geeter, Ralph Binkley, David Chen, Jennifer Kingston, Amber Owens, Christina Fitch. Neal Bonanni, John Mariam, Yohannes Randolph. Brek Carmean, Gregory Matheson, Eric Chiavaroli. Tom Budney, David Burlew. Jim Coyne, Suzanne Daugherty, Suzanne Dirani, Rami DiSciullo, Nick Glazer, Craig Kelso, Theresa Kenney, Susan Kormos, Michael Langbein, Peter Olaleye, Michael Portray, Annaka Quintavalla, Ginger Souder, Michelle Thew, Carla Ward, Michael Weiss, Glenn Yeager, Leslie DeNavas, Joe Godson, Gloria

Federal Energy Regulatory Commission (The) FirstEnergy Corp FirstEnergy Corp FirstEnergy Solutions Corporation FirstEnergy Solutions Corporation H.Q. Energy Services (US), Inc Highlands Energy Group LLC (The) Illinois Municipal Electric Agency Inertia Power I, LLC ITC Mid-Atlantic Development LLC Macquarie Energy LLC Madison Gas & Electric Co. Maryland Public Service Commission **MI Public Service Commission** Natural Resources Defense Council North Carolina Electric Membership Corporation North Carolina Electric Membership Corporation NRG Energy, Inc NRG Power Marketing LLC Office of the Peoples Counsel for the Dist of Columbia Open Access Technology International (OATI), Inc. Organization of PJM States, Inc (OPSI) Pennsylvania Public Service Commission PGI.com PJM Interconnection. LLC PJM Interconnection, LLC Potomac Electric Power Company Potomac Electric Power Company

Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Transmission Owner Transmission Owner Other Supplier Other Supplier Electric Distributor Other Supplier Other Supplier Other Supplier Other supplier Not Applicable Not Applicable Not Applicable Electric Distributor Electric Distributor Not Applicable **Generation Owner** End User Customer Not Applicable Electric Distributor Electric Distributor



Lewis, Cara Czigler, Frank Sock, Bryan Gebolys, Debbie McAdams, Julius Hoatson. Tom Brooks. Michael Nader, Jordan Robson, Matt Peebles, Andy Rohrbach, John Hyzinski, Tom Richardson, Frank Scoglietti, Barbara Harmon, Michael Jablonski, Jim Wadsworth. Joe Ruddell, Amanda Birnel, William Thompson, Matthew

PSEG Services Corporation Public Service Electric & Gas Company Public Service Electric & Gas Company Public Utilities Commission of Ohio Red Wolf Energy Trading, LLC **Riverside Generating, LLC RTO** Insider **Runner Stone Power SESCO Enterprises LLC** Shell Energy North America (US), LP Southern Maryland Electric Cooperative Talen Energy Marketing, LLC Talen Energy Marketing, LLC Tangent Energy Solutions, Inc. Union Electric Company d/b/a Ameren Missouri Vineland Municipal Electric Utility Vitol. Inc. Wabash Valley Power Association, Inc. Westar Energy, Inc. XO Energy MA, L.P.

Not Applicable **Transmission Owner** Transmission Owner Not Applcable Other Supplier Other Supplier Not Applicable None Other Supplier Other Supplier Electric Distributor Generation Owner Generation Owner Other Supplier Other Supplier Electric Distributor Other Supplicer Other Supplier Other Supplier Other Supplier

Author: Christina Stotesbury