



DRAFT MINUTES
PJM MARKET IMPLEMENTATION COMMITTEE
PJM CONFERENCE & TRAINING CENTER
NORRISTOWN, PA
MARCH 5, 2014
9:30 AM

Members in Attendance:

Ford, Adrien (Chair)	PJM Interconnection, LLC	Not Applicable
Canter, David	AEP	Transmission Owner
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Trayers, Barry	Citigroup Energy, Inc.	Other Supplier
Dugan, Bill	Customized Energy Solutions, Ltd.*	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Scarpignato, David	Direct Energy Business, LLC	Other Supplier
Jennings, Kenneth	Duke Energy Business Services LLC	Generation Owner
Flaherty, Dale	Duquesne Light Company	Transmission Owner
Lacey, Frank	Enerwise Global Technologies, Inc.	Other Supplier
Stadelmeyer, Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Benckek, Jim	FirstEnergy Solutions Corporation	Transmission Owner
Stuchell, Jeff	FirstEnergy Solutions Corporation	Transmission Owner
Foladare, Kenneth	Iron Mountain Generation LLC	Generation Owner
Kogut, George	New York Power Authority	Other Supplier
Suh, Jung	Noble Americas Energy Solutions LLC	Other Supplier
Lieberman, Steven	Old Dominion Electric Cooperative	Electric Distributor
Fuess, Jay	PBF Power Marketing LLC (Rep.'g)	Generation Owner
Greening, Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Wadsworth, Joseph	Vitol Inc.	Other Supplier
Walter, Laura (Secretary)	PJM Interconnection, LLC	Not Applicable

Also in Attendance:

Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Blair, Tom	Monitoring Analytics LLC	Not Applicable
Anders, David	PJM Interconnection, LLC	Not Applicable
Bresler, Stu	PJM Interconnection, LLC	Not Applicable
Brown, Richard	PJM Interconnection, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
Ciabattoni, Joseph	PJM Interconnection, LLC	Not Applicable
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Egan, Amanda	PJM Interconnection, LLC	Not Applicable
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable



Horger, Timothy
 Hsia, Eric
 Loomis, Harold
 Morelli, Lisa
 Olaleye, Michael
 Pacella, Chris
 Perera, Asanga
 Scheidecker, Paul
 Sechrist, Erin
 Shparber, Steven
 Velasco, Cheryl Mae
 Warner-Freeman, Jennifer
 Yeddanapudi, Sree
 Heidorn, Rich
 Jwanier, David

PJM Interconnection, LLC
 RTO Insider
 RTO Insider

Not Applicable
 Not Applicable

Via WebEx or Teleconference:

Hubbard, Lance
 Terry, Jonathan
 Gabrieli, Anthony
 McAlister, Lisa
 Norton, Chris
 Ondayko, Brock
 Esposito, Patricia
 Mancuso, Maria
 Jablonski, James
 Schupp, Jeremy
 Xenopoulos, Damon
 Edstrom, Zac
 Miller, John
 Gilani, Rehan
 Dessender, Harry
 Scott, Charles
 Farber, John
 Erbrick, Michael
 Wellborn, Sam
 Rajan (ES), Abhijit
 Berger, Ken
 Carro, Dan
 Currier, Jeff
 Lacy, Catharine
 Wilmoth, Emily
 Hirsch, Stephen
 Pakela, Greg
 Jett, William
 Mok, Alan
 Showalter, Dana
 Dugan, Chuck

Allegheny Electric Cooperative, Inc.
 Allegheny Electric Cooperative, Inc.
 Ally Energy LLC.
 American Municipal Power, Inc.
 American Municipal Power, Inc.
 Appalachian Power Company
 Atlantic Grid Operations A, LLC
 Baltimore Gas and Electric Company
 Borough of Butler, Butler Electric Division
 BP Energy Company (energy.me-SMRTE)
 Brickfield, Burchette, Ritts & Stone, P.C.
 Cargill Power Markets LLC
 Commonwealth Edison Company
 ConEdison Energy, Inc.
 Customized Energy Solutions, Ltd.*
 DC Energy LLC
 DE Public Service Commission
 DhastCo, LLC
 Division of the Public Advocate of State of Delaware
 Dominion Resources
 Dominion Virginia Power
 Downes Associates, Inc.
 DTE Energy Trading, Inc.
 Duke Energy Business Services LLC
 Duke Energy Kentucky, Inc.
 E.ON Climate & Renewables North America, Inc.
 East Kentucky Power Cooperative, Inc.

Electric Distributor
 Electric Distributor
 Other Supplier
 Electric Distributor
 Electric Distributor
 Transmission Owner
 Other Supplier
 Transmission Owner
 Electric Distributor
 None
 Not Applicable
 Other Supplier
 Transmission Owner
 Other Supplier
 Not Applicable
 Other Supplier
 Not Applicable
 Other Supplier
 Other Supplier
 Generation Owner
 Transmission Owner
 Generation Owner
 Transmission Owner



Knies, Heather	EDF Trading North America, LLC	Other Supplier
Hurwich, Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Haynes, Greg	Energy Authority, Inc. (The)	Other Supplier
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Everngam, Scott	Federal Energy Regulatory Commission (The)	Not Applicable
Logan, Sharon	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
Sanchez, Eric	Great Bay Energy I, LLC	Other Supplier
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Phillips, Marji	Hess Corporation	Other Supplier
Durand, Janine	H-P Energy Resources LLC	Other Supplier
Kester, Erin	IBERDROLA RENEWABLES, LLC	Generation Owner
Frelich, Jessica	Integrays Energy Services, Inc.	Other Supplier
O'Connell, Robert	JPMorgan Ventures Energy Corporation	Other Supplier
Powers, Sean	Linde Energy Services, Inc.	End User Customer
McNally, Stephen	Long Island Lighting Company d/b/a LIPA	Other Supplier
Saini, Ishwar	Macquarie Energy LLC	Other Supplier
De Geeter, Ralph	Maryland Public Service Commission	Not Applicable
Freeman, Al	Michigan Public Service Commission	Not Applicable
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Kirkpatrick, Roger	New York ISO	Not Applicable
Mahoney, Julieanne	New York State Electric & Gas Corporation	Other Supplier
Tigue, John	New York State Electric & Gas Corporation	Other Supplier
Applebaum, David	NextEra Energy Power Marketing, LLC	Generation Owner
Gardner, Michelle	NextEra Energy Power Marketing, LLC	Generation Owner
Fazio, Danielle	Noble Americas Gas & Power Corp.	Other Supplier
Owens, Christina	North Carolina Electric Membership Corporation	Electric Distributor
Wilkins, James	North Carolina Electric Membership Corporation	Electric Distributor
Bonanni, John	NRG Power Marketing LLC	Generation Owner
Patel, Munjal	NRG Power Marketing LLC	Generation Owner
Sircar, Pradeep	Office of Utility Consumer Counselor of Indiana	Not Applicable
Gell, Richard	Ontario Power Generation Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
Carangi, Mark	Other	Not Applicable
Chen, Xu	Other	Not Applicable
Gebolys, Debbie	Other	Not Applicable
Loudenburg, Zack	Pennsylvania Renewable Resources, Associates	Generation Owner
Glazer, Craig	PJM Interconnection, LLC	Not Applicable
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
LaRocque, Matthew	PJM Interconnection, LLC	Not Applicable
Snyder, Sue	PJM Interconnection, LLC	Not Applicable
Teo, Kathrina	Power Costs Inc	Not Applicable
Kazerooni, Hamid	PPL EnergyPlus, L.L.C.	Transmission Owner
Summers, Theodore	PSEG Energy Resources and Trade LLC	Transmission Owner
Heizer, Fred	Public Utilities Commission of Ohio	Not Applicable
Sudhakara, Raghu	Rockland Electric Company	Transmission Owner
Binder, Gerry	SESCO Enterprises LLC	Other Supplier
Robson, Matt	SESCO Enterprises LLC	Other Supplier
Galicia, Louis	Ventyx	Not Applicable



Batta, Michael
Slade Jr. (ES-vapwr), Louis
Birnel, William
Wilson, James

Virginia Electric & Power Company
Virginia Electric & Power Company
Westar Energy, Inc.
Wilson Energy Economics

Transmission Owner
Transmission Owner
Other Supplier
Not Applicable

1. ADMINISTRATION

The Committee reviewed the work plan and approved the Agenda and the February 7, 2014 MIC meeting minutes by acclamation. The minutes of the January 8, 2014 were approved with one objection. It was announced that Dale Flaherty has 19 days till retirement and the committee wished him well.

2. DR PARTICIPATION IN SR MARKET ISSUE CHARGE

Mr. Frank Lacey, Comverge, presented an issue charge relating to residential demand response participation in the synchronous reserve market. **The committee endorsed the issue charge with 15 objections and 2 abstentions.**

3. REGIONAL TRANSMISSION AND ENERGY SCHEDULING PRACTICES

Mr. Christopher Pacella, PJM, presented updates to the Regional Transmission and Energy Scheduling Practices related to the deployment of the ExSchedule application. **The committee endorsed the revisions by acclamation with 0 objections and 7 abstentions.**

4. ENERGY / RESERVE PRICING & INTERCHANGE VOLATILITY

Ms. Lisa Morelli, PJM, updated the committee on solution packages being developed by the Energy / Reserve Pricing & Interchange Volatility special sessions of the MIC. Permission to vote at the April MIC meeting, despite the lack of a first read, was requested. A stakeholder noted that they may not be prepared to vote in April.

5. REVISIONS TO DEFINITION OF ZONAL BASE LOAD (OA 1.3.39)

Mr. Brian Chmielewski, PJM, presented revisions to the definition of zonal base load. The committee will be asked to endorse the changes at the April MIC.

6. CLARIFICATION TO TARIFF AND MANUALS FOR SYNCHRONIZED RESERVE MARKET PENALTY CHARGES (1104)

Ms. Suzanne Coyne, PJM, presented proposed clarifications to the Tariff/OA and Manuals 11 and 28 to account for aggregate response when determining Synchronized Reserve penalty charges for Tier 2 resources, and other clarifications to ensure accuracy of terms used in the Tariff and OA. The committee will be asked to endorse the language at the April meeting. PJM confirmed that the determination of aggregate response is performed on a customer account basis.

7. CREDIT AVAILABLE FOR VIRTUAL TRANSACTIONS

Mr. Hal Loomis presented clarifying revisions to Attachment Q regarding Credit Available for Virtual Transactions. This will be presented for endorsement at the Markets and Reliability Committee.



8. IT SCED PRICE TRANSPARENCY

Ms. Rebecca Carroll, PJM, presented an update on the transparency and accuracy of IT SCED prices in response to the Coordinated Transaction Scheduling proposal that was approved at the September 2013 MIC. PJM will post non- absolute values in the metrics and the data behind the statistics.

9. OTU CREDIT REQUIREMENT

Mr. Paul Scheidecker, PJM, presented educational information on Qualifying Transmission Upgrade (OTU) capacity deficiency charges and RPM credit requirements.

10. DYNAMIC TRANSFERS

Mr. Sree Yeddanapudi, PJM, presented information on the Draft PJM Dynamic Transfer Business Rules and requested feedback from the MIC. When the final version is posted MIC members will be notified via email.

INFORMATIONAL SECTION

11. INTERREGIONAL COORDINATION

For informational purposes the following update on interregional coordination is posted:

[Item 11A – Interregional Coordination Update](#)

12. REPORT ON MARKET OPERATIONS

The *Report on Market Operations* will be posted to the [MIC Website](#).

13. MIC WORKING SESSION UPDATES

FTR Forfeiture

A MIC working session was held on February 18, 2014.

[20140218 FTR Forfeiture Agenda](#)

The next meeting will be on March 18, 2014. Materials will be posted to the [MIC web site](#).

[Issue Tracking: FTR Forfeiture](#)

Frequently Mitigated Units & RPM Supply Curve Transparency

A MIC working session was held on February 28, 2014.

[20140228 FMU and RPM Supply Curve Agenda](#)

The next meeting is scheduled for March 12, 2014. Meeting materials will be posted to the [MIC web site](#).

[Issue Tracking: Frequently Mitigated Unit Adders](#)

[Issue Tracking: RPM Supply Curve Adequacy](#)

Energy Scheduling Issue

The Energy Scheduling (MIC) meetings have been put on hold until April/May 2014 to allow work on related issues through the PJM/MISO Joint and Common Market Initiative. PJM will announce new meeting dates in late April or early May 2014 as appropriate. Meeting materials will be posted to the [MIC web site](#).

[Issue Tracking: Energy Scheduling Issue](#)



Energy/Reserve Pricing & Interchange Volatility

The first MIC working was held on February 26, 2014.

[20140226 Energy/Reserve Pricing and Interchange Volatility Agenda](#)

The next meeting will be March 7, 2014. Meeting materials will be posted to the [MIC web site](#).

[Issue Tracking: Energy/Reserve Pricing & Interchange Volatility](#)

PJM Renewable Integration Study (PRIS)

A MIC working session will be held on March 3, 2014. Meeting materials will be posted to the [MIC web site](#).

14. SUBCOMMITTEE AND TASK FORCE UPDATES

Market Settlements Subcommittee (MSS)

The MSS met on February 18, 2014. Meeting materials are available at:

[20140218 MSS Agenda](#)

The next meeting is scheduled for March 18, 2014. Meeting materials will be posted to the [MSS web site](#).

Credit Subcommittee (CS)

The CS met on February 4, 2014. Meeting materials are available at:

[20140204 CS Agenda](#)

The next meeting is scheduled for March 4, 2014. Meeting materials will be posted to the [CS website](#).

Demand Response Subcommittee (DRS)

The DRS met on February 21, 2014. Meeting materials are available at:

[20140221 DRS Agenda](#)

The next meeting is scheduled for March 20, 2014. Meeting materials will be posted to the [DRS web site](#).

Intermittent Resources Task Force (IRTF)

The IRTF met on January 22, 2014. Meeting materials are available at:

[20140122 IRTF Agenda](#)

The next meeting is scheduled for March 17, 2014. Meeting materials will be posted to the [IRTF web site](#).

15. FUTURE MEETING DATES

April 9, 2014	9:30 AM	PJM Interconnection - Valley Forge, PA
May 7, 2014	9:30 AM	PJM Interconnection - Valley Forge, PA
June 4, 2014	9:30 AM	PJM Interconnection - Valley Forge, PA
July 9, 2014	9:30 AM	PJM Interconnection - Valley Forge, PA
August 6, 2014	9:30 AM	PJM Interconnection - Valley Forge, PA
September 3, 2014	9:30 AM	PJM Interconnection - Valley Forge, PA
October 8, 2014	9:30 AM	PJM Interconnection - Valley Forge, PA
November 5, 2014	9:30 AM	PJM Interconnection - Valley Forge, PA
December 3, 2014	9:30 AM	PJM Interconnection - Valley Forge, PA

Author: Laura Walter
DM#: 784261