



MEETING MINUTES DRAFT
FMU Adders and RPM Supply Curve Transparency (MIC)

Meeting 3
PJM Conference and Training Center
January 27, 2014 (9:30 am – 12:15 pm)

Members Present:

Ford, Adrien (Chair)	PJM Interconnection, LLC	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Foladare, Kenneth	Iron Mountain Generation LLC	Generation Owner
Kogut, George	New York Power Authority	Other Supplier
Lieberman, Steven	Old Dominion Electric Cooperative	Electric Distributor
Brodbeck, John	Potomac Electric Power Company	Electric Distributor
Hyzinski, Tom	PPL EnergyPlus, L.L.C.	Transmission Owner
Portray, Annaka (Secretary)	PJM Interconnection, LLC	Not Applicable

Also in Attendance:

Borgatti, Michael	Gable and Associates	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Dadourian, John	Monitoring Analytics, LLC	Not Applicable
Brown, Rich	PJM Interconnection, LLC	Not Applicable
Anders, David	PJM Interconnection, LLC	Not Applicable
Bresler, Stu	PJM Interconnection, LLC	Not Applicable
Zadlo, Thomas	PJM Interconnection, LLC	Not Applicable

Attended via WebEx or Teleconference:

Baran, Eric	Allegheny Electric Cooperative, Inc.	Electric Distributor
Long, Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Terry, Jonathan	Allegheny Electric Cooperative, Inc.	Electric Distributor
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko, Brock	Appalachian Power Company	Transmission Owner
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Dessender, Harry	Customized Energy Solutions, Ltd.*	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Maucher, Andrea	Div. of the Public Advocate / State of Delaware	End-use Customer
Rajan (ES), Abhijit	Dominion Resources	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Kilgallen, Kevin	Emerald Energy	Not Applicable
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Stadelmeyer, Rebecca	Exelon	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner



Stadelmeyer, Rebecca	Exelon Business Services Company, LLC	Transmission Owner
Bolan, Martin	First Energy Solutions Corp	Transmission Owner
O'Connell, Robert	JPMorgan Ventures Energy Corporation	Other Supplier
Mabry, David	McNees Wallace & Nurick, LLC	Not Applicable
Josyula, Siva	Monitoring Analytics, LLC	Not Applicable
Suh, Jung	Noble Americas Energy Solutions LLC	Other Supplier
Bonanni, John	NRG Power Marketing LLC	Generation Owner
Carmean, Gregory	OPSI	Not Applicable
McNamara, Sean	PJM Interconnection, LLC	Not Applicable
Rothman, Rich	PJM Interconnection, LLC	Not Applicable
Schmitt, Jeff	PJM Interconnection, LLC	Not Applicable
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Godson, Gloria	Potomac Electric Power Company	Electric Distributor
Hyzinski, Tom	PPL EnergyPlus, L.L.C.	Transmission Owner
Greening, Michele	PPL EnergyPlus, L.L.C.	Transmission Owner
Heizer, Fred	Public Utilities Commission of Ohio	Not Applicable
Etnoyer, Scott	Raven Power Marketing LLC	Generation Owner
Jostworth, Kimberly	RBC Energy Services LP	Other Supplier
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Sudhakara, Raghu	Rockland Electric Company	Transmission Owner
Wilson, James	Wilson Energy Economics	Not Applicable

1. Administration

The subgroup approved the minutes from December 4, 2013 meeting. The approved minutes will be posted to December 4, 2013 meeting materials.

2. RPM Supply Curve Transparency

Ms. Adrien Ford provided guidance concerning supply curve criteria and stakeholders continued developing design criteria on the draft matrix. Mr. Thomas Zadlo led a discussion on sample supply curves explaining sample data and calculations. Stakeholders are requested to use the posted sample curves when developing their proposed smoothing methods. The group discussed a standardized set of measurements (such as curve fit) that a stakeholder would be required to supply when offering a smoothing method. These measurements will be finalized at the next meeting. A request was made for the location of the existing rules governing RPM supply curve smoothing – those rules are located in Section 5.11(f) of Attachment DD of the Tariff.

3. Frequently Mitigated Unit Adders

Ms. Adrien Ford addressed two requests from the December 4, 2013 meeting; one related to Transmission Planning information and one concerning questions from Dr. Joseph Bowring's presentation. Mr. Stu Bresler discussed recent trends observed by PJM and stated that PJM executives now feel that due to these recent trends this issue has become much more critical. These trends include sharp increases in FMU counts as well as a large number of FMUs that have high numbers of run hours. PJM feels that the FMU adders were originally intended for peaking units, and that high FMU adders for these high run-hour units were likely not intended and are not appropriate. Ms. Adrien Ford discussed a revised work plan with the group that would target a filing with the FERC by May 1, 2014. Several stakeholders stated that the revised work plan would not offer adequate time for a well-considered solution. Ms. Ford and Mr. Bresler stated they would convey this information in further internal PJM discussions. Stakeholders had the opportunity to refine design components on the FMU adders draft matrix. Mr. David Anders, PJM, led stakeholders



through further development of component options and provided a preliminary timeline for providing solutions options.

Revised Timeline

February 7, 2014	Stakeholders submit input for component options
February 10, 2014	PJM will post submitted component options
February 14, 2014	Stakeholders submit input for Solution Packages
February 18, 2014	PJM will post submitted Solution Packages

Stakeholders are asked to please provide solution packages prior to the February 18 FMU meeting. Input on component options and packages should be submitted to annaka.portray@pjm.com

4. Future meeting dates

February 18, 2014	1:00 pm – 4:00 pm	Conference and Training Center / WebEx
February 25, 2014	1:00 pm – 4:00 pm	Conference and Training Center / WebEx
March 12, 2014	9:00 am – 12:00 pm	Conference and Training Center / WebEx
April 2, 2014	9:00 am – 12:00 pm	Conference and Training Center / WebEx

Author: Annaka Portray

DMS# 780098