

**Energy Market Uplift Senior Task Force**  
**PJM Conference and Training Center**  
**June 10, 2016**  
**1:00 p.m. – 4:00 p.m. EPT**

## Administration

1. Mr. Dave Anders opened the meeting and reviewed the agenda.
2. Ms. Cheryl Mae Velasco performed roll call, reviewed the meeting guidelines, and reviewed the draft meeting minutes. Minutes were approved and will be posted as final.

## Phase 1 Matrix

Members were asked to provide any updates to existing packages prior to the meeting. Dominion provided an update to Package H, including submitting an updated executive summary. The updates to the package were discussed briefly. The IMM anticipates bringing changes to their Phase 1 package for the next meeting.

## Phase 2 Matrix

Members that provided updates to existing Phase 2 packages were asked to provide a summary of changes. Dominion provided a summary of changes to package K. A new package P was introduced to the Phase 2 matrix. After hearing that PJM and the IMM will likely provide changes to their packages and considering the amount of time between the initial offering of the packages and now, it is likely that changes will be submitted for package L.

## Education for Phase 3 – Virtual Transactions

Mr. Ray Fernandez provided education on how load is bid into the Day-Ahead market nodally versus zonally. The distribution factors in Markets Gateway are updated by EDC's for residual metered load aggregates. Mr. Keyur Patel also provided education on the current list of biddable nodes and the criteria that was used to select them. A request was made to develop a chart of how many total nodes there are at each voltage level and how many of them can be used for incs, decs, and UTCs, as source and sink.

## Phase 3

The revised charter for the EMUSTF to include biddable points and other market rule changes for virtual transactions was approved at the MRC. Mr. Anders led the group in forming design components for the biddable points matrix.

Mr. Anders also led the group in a brainstorming session for other market rules changes related to virtual transactions. This separate topic has become Phase 4 of the EMUSTF work plan. Members contributed ideas for possible rule changes and they were documented into a new matrix.

## Next Steps

A suggestion was made that the Phase 3 and Phase 4 components of the EMUSTF work plan should be undertaken first, then proceed to the Phase 1 and Phase 2 matrices. PJM will take this suggestion back and discuss internally what the best approach forward would be.

## In Attendance (In Person):

Anders, David	PJM Interconnection, LLC	Not Applicable
Borradaile, Michael	PJM Interconnection, LLC	Not Applicable
Fernandez, Ray	PJM Interconnection, LLC	Not Applicable
Hiser, Dana	PJM Interconnection, LLC	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Luna, Joel	Monitoring Analytics, LLC	Not Applicable
Maxwell, Melissa	PJM Interconnection, LLC	Not Applicable
Velasco, Cheryl Mae	PJM Interconnection, LLC	Not Applicable

## In Attendance (Teleconference):

Allen, Wesley	Red Wolf Energy Trading, LLC	Other Supplier
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Benchek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bernier, Luc	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Bleiweis, Bruce	DC Energy LLC	Other Supplier
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Briscoe, Judy	BP Energy Company	Other Supplier
Budney, Dave	PJM Interconnection, LLC	Not Applicable
Carmean, Gregory	OPSI	Not Applicable
Cox, Bill	Exion Energy, Inc.	Other Supplier
Cox, EdwardP	Appalachian Power Company	Transmission Owner
Davis, Connie	City of Cleveland, DPU, Div of Cleveland Public Pwr	Electric Distributor
Day, Jason	Oceanside Power, LLC	Other Supplier
Domian, Christin	Mitsubishi Electric Power Products Inc.	Not Applicable
Eckes, Richard	Exion Energy, Inc.	Other Supplier
Engle, Andrew	XO Energy MA	Other Supplier
Farber, John	DE Public Service Commission	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
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Goode, Cory	Yes Energy LLC	Not Applicable
Gorman, Kevin	Highlands Energy Group LLC (The)	Other Supplier
Hagaman, Derek	GT Power Group	Not Applicable
Hastings, David	Market Interconnection LLC	Not Applicable
Heise, Randi	Dominion Virginia Power	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Hurwich, Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyzinski, Tom	Talen Energy Marketing, LLC	Generation Owner
Kilgallen, Kevin	Emerald Energy	Not Applicable
Kingston, Amber	North Carolina Electric Membership Corporation	Electric Distributor
Knies, Heather	EDF Trading North America, LLC	Other Supplier
Lakey, Brian	Appalachian Power Company	Transmission Owner
Lange, Nathan	RTO Energy Trading, LLC	Other Supplier
Lind, Clarke	Powerex Corporation	Other Supplier
Logsdon, Josh	Exion Energy, Inc.	Other Supplier
Loudenbourg, Zack	Pennsylvania Renewable Resources, Associates	Generation Owner



# Draft Meeting Minutes

Mabry, David  
Marton, David  
McAdams, Julius  
Norton, Chris  
Ondayko, Brock  
Patel, Keyur  
Pope, Susan  
Redden, Zach  
Reeping, Bob  
Robson, Matt  
Rohrbach, John  
Saini, Ishwar  
Sasser, Jonathan  
Schneider, Jon  
Scott, Chance  
Shanker, Roy  
Shaver, Rebecca  
Skucas, Ruta  
Sutton, Ryan  
Thompson, Matthew  
Trayers, Barry  
Treadwell, Albert  
Wadsworth, Joseph  
Ward, Mike  
Whitehead, Jeffrey  
Wilhite, Chad  
Wood, Gordon  
Yu, Joel

McNees Wallace & Nurick LLC  
FirstEnergy Solutions Corp.  
Red Wolf Energy Trading, LLC  
American Municipal Power, Inc.  
Appalachain Power Company  
PJM Interconnection, LLC  
FTI Consulting  
Levelsail Trading, LLC  
Ohio Edison Company  
SESCO Enterprises LLC  
Southern Maryland Electric Cooperative  
Macquarie Energy LLC  
Customized Energy Solutions, Ltd.\*  
FirstEnergy Solutions Corp.  
Northern States Power Company  
H.Q. Energy Services (U.S.), Inc.  
FirstEnergy Solutions Corp.  
Pierce Atwood  
University of Texas  
XO Energy MA  
Citigroup Energy, Inc.  
Allegheny Electric Cooperative, Inc.  
Vitol Inc.  
PJM Interconnection, LLC  
Direct Energy Business Marketing, LLC  
FirstEnergy Solutions Corp.  
ETC Endure Energy L.L.C.  
Rockland Electric Company

Not Applicable  
Transmission Owner  
Other Supplier  
Electric Distributor  
Transmission Owner  
Not Applicable  
Not Applicable  
Other Supplier  
Transmission Owner  
Other Supplier  
Electric Distributor  
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Electric Distributor  
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Transmission Owner  
Other Supplier  
Transmission Owner

Author: Cheryl Mae Velasco