

**Energy Market Uplift Senior Task Force**  
**PJM Conference and Training Center**  
**September 22, 2016**  
**9:00 a.m. – 12:00 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 4 – Virtual Transactions – Results of Vote

Between the previous two meetings, a vote was conducted amongst the members of the task force asking which of the proposals for Phase 4 they would support. The proposals were in response to an open discussion of additional market rule changes surrounding virtual transactions. None of the proposals received a simple majority vote, therefore none of them will be recommended to the MRC for inclusion in the EMUSTF charter. There was one proposal however that was previously approved at a lower committee. The proposal to remove the +/- \$50 limit on UTC transactions was included in a problem statement that was previously approved. The history of this problem statement was unclear; therefore an action item was taken to do further research regarding the exact history of this problem statement. Further discussions will be undertaken at a future meeting regarding how this proposal will be addressed.

## Phase 1 and 2

Members who made any changes or updates to their Phase 1 and Phase 2 packages were asked to review the changes with the rest of the task force. PJM dropped two of its Phase 2 packages to create one joint package with the IMM called Package Q. One of the removed packages, Package M or “MISO-lite”, was brought back by Red Wolf Energy Trading.

## Dr. Patton

At the request of the financial marketers coalition, Dr. David Patton, Potomac Economics, provided his thoughts on the role and benefits of virtual transactions’ participation in the wholesale electricity markets. He also discussed his thoughts on allocation of uplift.

## Next Steps

At the next meeting, the +/- \$50 limit on UTC transactions will be discussed further. At the next meeting the EMUSTF will also determine if stakeholders are prepared to vote on Phase 1 and Phase 2 packages after the October 31<sup>st</sup> meeting. Further work on Phase 3 – Biddable points will also take place at the next meeting.

## In Attendance (In Person):

Allen, Wesley	Red Wolf Energy Trading, LLC	Other Supplier
Anders, David	PJM Interconnection, LLC	Not Applicable
Bleiweis, Bruce	DC Energy LLC	Other Supplier

Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Ciabattoni, Joe	PJM Interconnection, LLC	Not Applicable
Coyne, Suzanne	PJM Interconnection, LLC	Not Applicable
Engle, Andrew	XO Energy MA, LP	Other Supplier
Fernandez, Ray	PJM Interconnection, LLC	Not Applicable
Foladare, Kenneth	IMG Midstream LLC	Generation Owner
Giraldo, Juan	Monitoring Analytics, LLC	Not Applicable
Haas, Howard	Monitoring Analytics, LLC	Not Applicable
Hastings, David	Market Interconnection LLC	Not Applicable
Hogan, William	Harvard University	Not Applicable
Hughes, Adam	XO Energy MA, LP	Other Supplier
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Luna, Joel	Monitoring Analytics, LLC	Not Applicable
O'Connell, Robert	Main Line Electricity Market Consultants	Not Applicable
Patel, Keyur	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Riding, M.Q.	Essential Power Rock Springs, LLC	Transmission Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Sheehan, Shawn	XO Energy MA, LP	Other Supplier
Shparber, Steven	PJM Interconnection, LLC	Not Applicable
Skucas, Ruta	Pierce Atwood	Not Applicable
Stadelmeyer, Rebecca	PJM Interconnection, LLC	Not Applicable
Stevens, Andrew	DC Energy LLC	Other Supplier
Velasco, Cheryl Mae	PJM Interconnection, LLC	Not Applicable
Whitehead, Jeffrey	Direct Energy Business Marketing, LLC	Other Supplier

## In Attendance (Teleconference):

Bearden, Joel	XO Energy MA, LP	Other Supplier
Benchek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Brodbeck, John	EDP Renewables North America, LLC	Generation Owner
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
Christian, Adam	Red Wolf Energy Trading, LLC	Other Supplier
Cockrell, Justin	DC Energy LLC	Other Supplier
Collins, Leonard	State of Delaware	Not Applicable
Cox, Bill	Exion Energy, Inc.	Other Supplier
Cox, EdwardP	Appalachian Power Company	Transmission Owner
Cox, Gregory	Dynasty Power Inc	Other Supplier
Coyle, Billy	Dominion Virginia Power	Not Applicable
Croop, Danielle	PJM Interconnection, LLC	Not Applicable
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Davis, Connie	City of Cleveland, DPU, Div of Cleveland Public Pwr	Electric Distributor
Drangula, Carey	XO Energy MA, LP	Other Supplier
Day, Jason	Oceanside Power, LLC	Other Supplier
DeLosa, Joseph	DE Public Service Commission	Not Applicable
Demuyneck, Rene	New Jersey Board of Public Utilities	Not Applicable
Dessender, Harry	Customized Energy Solutions, Ltd.*	Not Applicable
Dickson, Douglas	State of NJ Board of Public Utilities	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ela, Erik	EPRI	Not Applicable
Esposito, Pati	TransCanada Power Marketing Ltd	Other Supplier
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Francoeur, Rene	Red Wolf Energy Trading, LLC	Other Supplier

Garnett, Bryan  
 Gebolys, Debbie  
 Goode, Cory  
 Gorman, Kevin  
 Greening, Michele  
 Greiner, Gary  
 Hagaman, Derek  
 Hastings, David  
 Heidorn, Rich  
 Heise, Randi  
 Hnatyshyn, Murray  
 Hoatson, Tom  
 Holland, Risa  
 Horton, Dana  
 Hsia, Eric  
 Hurwich, Mark  
 Hyzinski, Tom  
 Jardot, Gina  
 Janicki, Diane  
 Jasani, Sachin  
 Jones, Ed  
 Kelly, Stephen  
 Knies, Heather  
 Kohl, Lauren  
 Kraemer, Neil  
 Lange, Nathan  
 Lind, Clarke  
 Lowe, Connie  
 Mabry, David  
 Marton, David  
 Midgley, Sharon  
 McAdams, Julius  
 Norton, Chris  
 Ondayko, Brock  
 Pakela, Greg  
 Peoples, John  
 Rajan, Abhijit  
 Ramlatchan, Deepak  
 Reeping, Bob  
 Robson, Matt  
 Rutigliano, Tom  
 Schneider, Jon  
 Scott, Chance  
 Scott, Warren  
 Shanker, Roy  
 Sheehan, Kelli  
 Sidhom, Noha  
 Starkov, Stefan  
 Staska, Stephanie  
 Sweeney, Rory  
 Thompson, Matt  
 Tibbetts, Maeve  
 Trayers, Barry  
 Treadwell, Albert  
 Ward, Michael  
 Wadsworth, Joseph  
 Weiss, Glenn  
 Yu, Joel

Duke Energy Ohio, Inc.  
 Public Utilities Commission of Ohio  
 Yes Energy LLC  
 Highlands Energy Group LLC  
 Talen Energy Marketing, LLC  
 PSEG Energy Resources and Trade LLC  
 GT Power Group  
 Market Interconnection LLC  
 RTO Insider  
 Dominion Virginia Power  
 Dynesty Energy Group LLC  
 Riverside Generating, LLC  
 PJM Interconnection, LLC  
 Appalachian Power Company  
 PJM Interconnection, LLC  
 Elliott Bay Energy Trading, LLC  
 Talen Energy Marketing, LLC  
 Essential Power Rock Springs, LLC  
 Boston Energy Trading & Marketing, LLC  
 Red Wolf Energy Trading, LLC  
 Monterey MA, LLC  
 Brookfield Energy Marketing LP  
 EDF Trading North America, LLC  
 Monterey MA, LLC  
 XO Energy MA, LP  
 RTO Energy Trading, LLC  
 Powerex Corporation  
 Dominion Virginia Power  
 McNees Wallace & Nurick LLC  
 FirstEnergy Solutions Corp.  
 Exelon Business Services Company, LLC  
 Red Wolf Energy Trading, LLC  
 American Municipal Power, Inc.  
 Appalachian Power Company  
 DTE Energy Trading, Inc.  
 Duquesne Light Company  
 Dominion Resources  
 FERC  
 Ohio Edison Company  
 SESCO Enterprises LLC  
 Achieving Equilibrium LLC  
 FirstEnergy Solutions Corp.  
 Northern States Power Company  
 Cahaya Power Marketing LLC  
 H.Q. Energy Services (U.S.), Inc.  
 XO Energy MA, LP  
 Inertia Power  
 PJM Interconnection, LLC  
 Twin Cities Power, LLC  
 RTO Insider  
 XO Energy MA, LP  
 Pierce Atwood  
 Citigroup Energy, Inc.  
 Allegheny Electric Cooperative, Inc.  
 PJM Interconnection, LLC  
 Vitrol Inc.  
 PJM Interconnection, LLC  
 Rockland Electric Company

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



# Draft Meeting Minutes

Author: Cheryl Mae Velasco