

**Energy Market Uplift Senior Task Force**  
**PJM Conference and Training Center**  
**March 24, 2016**  
**1:00 p.m. – 3:00 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.

## Review Current Status of the EMUSTF

Mr. Anders recapped the recent activities impacting the EMUSTF group, starting with the publishing of a white paper on October 12, 2015 describing how virtual transactions participate in the markets. A problem statement was formed from the suggestions and concerns in the white paper. The problem statement was approved in the MRC in January, stating that any virtual transactions related to uplift would be discussed at the EMUSTF. The issues regarding biddable nodes and other market rule changes were to be discussed at the EMUSTF or another stakeholder group. Members were asked for their opinion regarding discussing the other market rule changes related to virtual transactions at the EMUSTF or elsewhere. Mr. Anders presented the group with a revised charter to include the market rule changes for virtual transactions in the group objectives and expected deliverables sections of the charter. A vote will be distributed to the task force to determine if the additional discussions around virtual transactions should happen at the EMUSTF since the membership appeared split in their opinions.

## Education

Mr. Adam Keech reviewed highlights of the white paper on virtual transactions, including the types of virtual transactions that exist, how they affect the market, and how they benefit the market. The paper also describes how the market would settle if there were no virtual transactions taking place. The white paper presented several recommendations that ultimately resulted in a problem statement that was presented to the MRC.

## Next Steps

Mr. Anders outlined the next steps for the group. Before the next meeting, a survey monkey vote will be distributed to ask members if they are in agreement to discuss the market rule changes related to virtual transactions at the EMUSTF. The vote will also include a poll question asking if members would prefer to continue discussions regarding uplift prior to any FERC filing or to wait until FERC issues a decision and then continue discussions from there. There were requests for additional education surrounding the biddable nodes, should we continue virtual discussions at the EMUSTF.

## In Attendance (In Person):

Anders, David	PJM Interconnection, LLC	Not Applicable
Foladare, Kenneth	IMG Midstream LLC	Generation Owner
Giraldo, Juan	Monitoring Analytics, LLC	Not Applicable

Haas , Howard  
 Johnson, Carl  
 Keech, Adam  
 Kogut, George  
 Lieberman, Steven  
 Pratzon, David  
 Scarpignato, David  
 Spharber, Steven  
 Stadelmeyer, Rebecca  
 Velasco, Cheryl Mae

Monitoring Analytics, LLC  
 Customized Energy Solutions, Ltd.\*  
 PJM Interconnection, LLC  
 New York Power Authority  
 Old Dominion Electric Cooperative  
 GT Power Group  
 Calpine Energy Services, L.P.  
 PJM Interconnection, LLC  
 PJM Interconnection, LLC  
 PJM Interconnection, LLC

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

## In Attendance (Teleconference):

Allen, Wesley  
 Bastian, Lauren  
 Bearden, Joel  
 Bernier, Luc  
 Bolan, Martin  
 Bruce, Susan  
 Carmean, Gregory  
 Christian, Adam  
 Cockrell, Justin  
 Cox, Bill  
 Cox, EdwardP  
 Cox, Gregory  
 Darby, Ben  
 Day, Jason  
 DeLosa, Joseph  
 DeNavas, Joseph  
 Dion, Julien  
 Engle, Andrew  
 Esposito-Hils, Pati  
 Fan, Zhenyu  
 Farber, John  
 Filomena, Guy  
 Fitch, Neal  
 francoeur, rene  
 Gebolys, Debbie  
 Gorman, Kevin  
 Greening, Michele  
 Grota, James  
 Hastings, David  
 Hoatson, Tom  
 Horstmann, John  
 Hurwich, Mark  
 Jardot, Gina  
 Jasani, Sachin  
 kraemer, neil  
 Logsdon, Josh  
 Logsdon, Sebastian  
 Lowe, Connie  
 Marton, David  
 McAdams, Julius  
 Midgley, Sharon  
 Norton, Chris  
 O'Connell, Robert  
 Ondayko, Brock  
 Peguero, Jose  
 Peoples, John

Red Wolf Energy Trading, LLC  
 Monterey MA, LLC  
 XO Energy MA, LP  
 H.Q. Energy Services (U.S.), Inc.  
 FirstEnergy Solutions Corp.  
 McNeese Wallace & Nurick LLC  
 OPSI  
 Red Wolf Energy Trading, LLC  
 DC Energy, LLC  
 Exion Energy, Inc.  
 Appalachian Power Company  
 Solea Energy, LLC  
 Lee River Proprietary Strategies, Inc.  
 Oceanside Power, LLC  
 DE Public Service Commission  
 Potomac Electric Power Company  
 Powerex Corp.  
 XO Energy MA, LP  
 TransCanada Power Marketing Ltd.  
 PJM Interconnection, LLC  
 DE Public Service Commission  
 Customized Energy Solutions, Ltd.\*  
 NRG Power Marketing LLC  
 Red Wolf Energy Trading, LLC  
 Public Utilities Commission of Ohio (The)  
 Highlands Energy Group LLC (The)  
 Talen Energy Marketing, LLC  
 Macquarie Energy LLC  
 Dhast Co  
 Riverside Generating, LLC  
 Dayton Power & Light Company (The)  
 Elliott Bay Energy Trading, LLC  
 Essential Power Rock Springs, LLC  
 Red Wolf Energy Trading, LLC  
 XO Energy MA, LP  
 Exion Energy, Inc.  
 Exion Energy, Inc.  
 Dominion Virginia Power  
 FirstEnergy Solutions Corp.  
 Red Wolf Energy Trading, LLC  
 Exelon Generation Co., LLC  
 American Municipal Power, Inc.  
 Main Line Electricity Market Consultants  
 Appalachian Power Company  
 Great Bay Global  
 Duquesne Light Company

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



# Meeting Minutes

Riding, M.Q.  
Robson, Matt  
Rosati, Nick  
Saini, Ishwar  
Sasser, Jonathan  
Scavo, Robert  
Schneider, Jon  
Scott, Astrid  
Scott, Chance  
Shanker, Roy  
Sheehan, shawn  
Singer, Chad  
Skucas, Ruta  
Staska, Stephanie  
Suh, Jung  
Sunseri, Patrick  
Thompson, Matthew  
Wadsworth, Joseph  
Ward, Michael  
Whitehead, Jeffrey  
Williams, Michael  
Wood, Gordon  
Yeager, Leslie  
Yu, Joel

Essential Power OPP, LLC  
SESCO Enterprises LLC  
Exion Energy, Inc.  
Macquarie Energy LLC  
Customized Energy Solutions, Ltd.\*  
Oceanside Power, LLC  
FirstEnergy Solutions Corp.  
Cahaya Power Marketing LLC  
Northern States Power Company  
H.Q. Energy Services  
XO Energy MA, LP  
Fellon McCord  
Pierce Atwood  
Twin Cities Power, LLC  
Noble Americas Energy Solutions LLC  
Twin Cities Power, LLC  
XO Energy MA, LP  
Vitol Inc.  
PJM Interconnection, LLC  
Direct Energy Business Marketing, LLC  
Black Oak Energy, LLC  
ETC Endure Energy L.L.C.  
PJM Interconnection, LLC  
Rockland Electric Company

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

Author: Cheryl Mae Velasco