

**Underperformance Risk Management Senior Task Force (URMSTF)  
 PJM Conference and Training Center  
 September 12, 2016  
 9:30 a.m. – 12:00 p.m. EPT**

## Administration

1. Ms. Rebecca Carroll, PJM, and Ms. Susan Kenney, PJM, provided administrative updates, performed roll call, and reviewed the Anti-trust, Code of Conduct, and Public Meetings/Media Participation Guidelines.
2. Minutes from the August 31, 2016 Underperformance Risk Management Senior Task Force meeting were approved with 0 objections and 0 abstentions.

## ECPE CBIR Process

3. Ms. Carroll led a discussion to review the proposed solution packages for the External Capacity Performance Enhancements topic received from stakeholders prior to the meeting.
4. Mr. John Baranowski, PJM, presented an update to the PJM electrical distance analysis. He reviewed the results of the preliminary minimum electrical distance analysis and offered an initial PJM proposed threshold that pseudo-ties can be established for external resources within an impedance equal to or less than 0.065.
5. Ms. Carroll reviewed polling questions and administration. A vote will be issued after the meeting in an effort to gain more information about support for solution options and package proposals.

## Meeting Recap and Future Agenda Items

### Future Meeting Dates

September 19, 2016	9:30 a.m. – 12:00 p.m.	PJM Conference & Training Center/ WebEx
October 13, 2016	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center/ WebEx
October 19, 2016	9:30 a.m. – 4:00 p.m.	PJM Conference & Training Center/ WebEx
November 10, 2016	9:00 a.m. – 12:00 p.m.	PJM Conference & Training Center/ WebEx
November 21, 2016	9:30 a.m. – 4:00 p.m.	PJM Conference & Training Center/ WebEx
December 7, 2016	9:30 a.m. – 4:00 p.m.	PJM Conference & Training Center/ WebEx
December 21, 2016	9:30 a.m. – 4:00 p.m.	PJM Conference & Training Center/ WebEx

### In Attendance

Carroll, Rebecca (Facilitator)	PJM Interconnection, LLC	Not Applicable
Kenney, Susan (Secretary)	PJM Interconnection, LLC	Not Applicable
Baranowski, John	PJM Interconnection, LLC	
Berner, Aaron	PJM Interconnection, LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection, LLC	Not Applicable
Coll, Daniel	PJM Interconnection, LLC	Not Applicable
Dadourian, John	Monitoring Analytics, LLC	Not Applicable
Del Viscio, Michael	PJM Interconnection, LLC	Not Applicable
Foladare, Kenneth	Tangibl	Generation Owner
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Keech, Adam	PJM Interconnection, LLC	Not Applicable



# Minutes

Kenney, Susan  
Loomis, Harold  
Miehlke, Tracy  
Militello, Nicole  
Perera, Asanga  
Pratzon, David  
Scarpignato, David  
Scheidecker, Paul  
Tribulski, Jennifer

PJM Interconnection, LLC  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
GT Power Group  
Calpine Energy Services, L.P.  
PJM Interconnection, LLC  
PJM Interconnection, LLC

Not Applicable  
Not Applicable  
Not Applicable  
Not Applicable  
Not Applicable  
Not Applicable  
Generation Owner  
Not Applicable  
Not Applicable

## In Attendance via WebEx/Conference Call

Ainspan, Malcolm  
Anders, David  
Austin, Larry  
Barker, Jason  
Benchek, Jim  
Bhavaraju, Murty  
Brodbeck, John  
Brown, Rich  
Bruce, Susan  
Campbell, Bruce  
Cox, Jason  
DeLosa, Joe  
Dickson, Douglas  
Domian, Christin  
Dugan, Chuck  
Farber, John  
Filomena, Guy  
Fitch, Neal  
Gebolys, Debbie  
Gindling, Jeff  
Greening, Michelle  
Greiner, Gary  
Griffiths, Dan  
Guerry, Katie  
Hart, Joy  
Hastings, David  
Hoatson, Tom  
Horstmann, John  
Horton, Dana  
Hsia, Eric  
Hudis, Gabriella  
Johnson, Carl  
Johnson, Nick  
Josyula, Siva  
Kelly, Stephen  
Kothakapu, Rakesh  
Ma, Alex  
Marton, David  
Matzen, Jeff  
Midgley, Sharon  
Norton, Chris  
O'Connell, Robert  
Ondayko, Brock  
Prokop, Brenda  
Sasser, Jonathan  
Shanker, Roy  
Stadelmeyer, Rebecca  
Wicks, Tonja  
Wilhite, Chad  
Wilmoth, Emily  
Yu, Joel

Energy Curtailment Specialists, Inc.  
PJM Interconnection, LLC  
PJM Interconnection, LLC  
Exelon Business Services Company, LLC  
FirstEnergy Solutions Corp.  
PJM Interconnection, LLC  
EDP Renewables North America, LLC  
PJM Interconnection, LLC  
McNees Wallace & Nurick LLC  
EnergyConnect, Inc.  
Dynegy Power Marketing, Inc.  
DE Public Service Commission  
New Jersey Board of Public Utilities  
Mitsubishi Electric Power Products Inc.  
East Kentucky Power Cooperative, Inc.  
DE Public Service Commission  
Customized Energy Solutions, Ltd.\*  
NRG Power Marketing LLC  
Public Utilities Commission of Ohio  
Duke Energy Business Services LLC  
Talen Energy Marketing, LLC  
PSEG Energy Resources and Trade LLC  
Consumer Advocates of PJM States  
EnerNOC, Inc.  
North Carolina Electric Membership Corporation  
Dhastco  
Riverside Generating, LLC  
Dayton Power & Light Company (The)  
Appalachian Power Company  
PJM Interconnection, LLC  
Gabel Associates  
Customized Energy Solutions, Ltd.\*  
Tenaska Power Services Co.  
Monitoring Analytics, LLC  
Brookfield Energy Marketing LP  
Illinois Municipal Electric Agency  
Invenergy, LLC  
FirstEnergy Solutions Corp.  
Dominion Retail, Inc.  
Exelon Business Services Company, LLC  
American Municipal Power, Inc.  
Main Line Electricity Market Consultants  
Appalachian Power Company  
ITC Mid-Atlantic Development LLC  
Customized Energy Solutions, Ltd.\*  
H.Q. Energy Services (U.S.), Inc.  
PJM Interconnection, LLC  
Duquesne Light Company  
FirstEnergy Solutions Corp.  
Dominion Virginia Power  
Rockland Electric Company

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