

**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



# Draft 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  
 McNeese 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  
 Generation Owner  
 Not Applicable  
 Other Supplier  
 Electric Distributor  
 Generation Owner  
 Transmission Owner  
 Not Applicable  
 Transmission Owner  
 Other Supplier  
 Not Applicable  
 Other Supplier  
 Not Applicable  
 Other Supplier  
 Transmission Owner  
 Transmission Owner  
 Not Applicable  
 Transmission Owner