

**Underperformance Risk Management Senior Task Force (URMSTF)**  
**PJM Conference and Training Center**  
**November 21, 2016**  
**9:30 a.m. – 12:00 p.m. EPT**

## Administration

1. Welcome, announcements, roll call, and Anti-trust and Code of Conduct announcement.
2. Approve draft minutes from the November 10, 2016 Underperformance Risk Management Senior Task Force meeting.

## External Capacity Performance Enhancements

3. Mr. Asanga Perera, PJM, provided background and clarification on how external resources located in non-CMP systems are studied. PJM will initiate a stakeholder effort at an upcoming Operating Committee meeting to formalize a “pro forma” Tariff agreement to memorialize pseudo-tie requirements.

Mr. Adam Keech, PJM, provided an overview of PJM’s discussions with FERC regarding the External Capacity Performance Enhancements topic. Given the discussion, PJM is seeking to develop a comprehensive package that addresses existing and planned external resources and will look to post a revised package in advance of the next URMSTF scheduled on December 7.

Mr. Stu Bresler, PJM, raised PJM’s concerns regarding modeling external resources in individual LDAs highlighting the desire to keep the modeling aligned between RPM and the RTEP process.

Mr. Tim Horger, PJM, reviewed key discussions at last week’s Joint & Common Market meeting that impact some areas of the matrix design components. PJM will consider the discussions when revising their package in advance of the next meeting.

4. No updates were made to the matrix following the previous meeting therefore this agenda item was not addressed.

[Issue Tracking: External Capacity Performance Enhancements](#)

5. The group was asked for feedback on the next steps for the Underperformance Risk Management topic following the results of the failed Markets and Reliability Committee vote. The group agreed that the work items as defined in the Senior Task Force’s charter had been fulfilled and further discussion was not warranted. Ms. Carroll will ask the Markets and Reliability Committee to close out this portion of the Senior Task Force’s charter at its December meeting.

[Issue Tracking: PAH/Underperformance Risk Management in RPM/CP](#)

## Meeting Recap and Future Agenda Items



# Draft Minutes

## Future Meeting Dates

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 (Chair)	PJM Interconnection, LLC	Not Applicable
Kenney, Susan (Secretary)	PJM Interconnection, LLC	Not Applicable
Baranowski, John	PJM Interconnection, LLC	Not Applicable
Bastian, Jeff	PJM Interconnection, LLC	Not Applicable
Berner, Aaron	PJM Interconnection, LLC	Not Applicable
Bresler, Stu	PJM Interconnection, LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Canchi, Devendra	Monitoring Analytics, LLC	Not Applicable
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Dadourian, John	Monitoring Analytics, LLC	Not Applicable
Esterly, Terri	PJM Interconnection, LLC	Not Applicable
Foladare, Ken	Tangibl, LLC	Generation Owner
Horger, Tim	PJM Interconnection, LLC	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Lieberman, Steven	Old Dominion Electric Cooperative	Electric Distributor
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Miehlke, Tracy	PJM Interconnection, LLC	Not Applicable
O'Connell, Robert	Panda Power Corporation	Generation Owner
Perera, Asanga	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Scheidecker, Paul	PJM Interconnection, LLC	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable

## In Attendance via WebEx/Teleconference

Austin, Larry	PJM Interconnection, LLC	Not Applicable
Benчек, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bhavaraju, Murty	PJM Interconnection, LLC	Not Applicable
Bleiweiss, Bruce	PJM Interconnection, LLC	Not Applicable
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Canter, David	Appalachian Power Company	Transmission Owner
Carmean, Gregory	OPSI	Not Applicable
DeLosa, Joseph	DE Public Service Commission	Not Applicable
DePillo, Ray	Public Service Electric & Gas Company	Transmission Owner
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Erbrick, Michael	Dhastco	Not Applicable
Fan, Zhenyu	PJM Interconnection, LLC	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Garnett, Bryan	Duke Energy Ohio, Inc.	Transmission Owner
Gindling, Jeff	Duke Energy Business Services LLC	Generation Owner
Griffiths, Dan	Consumer Advocates of PJM States	Not Applicable
Hagaman, Derek	GT Power Group	Not Applicable
Hart, Joy	North Carolina Electric Membership Corporation	Electric Distributor
Henry, Michelle	FirstEnergy Solutions Corp.	Transmission Owner
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Horton, Dana	Appalachian Power Company	Transmission Owner
Hudis, Gabriella	Gabel & Associates	Not Applicable
Hyatt, John	Monitoring Analytics, LLC	Not Applicable
Johnson, Nick	Tenaska Power Services Co.	Generation Owner



# Draft Minutes

Josyula, Siva  
Kelly, Stephen  
Kilgallen, Kevin  
Kopinski, John  
Kothakapu, Rakesh  
Liang-Nicol, Cecilia  
Ma, Alex  
Mabry, David  
MacGibbon, Doug  
Manning, James  
Marton, David  
Matzen, Jeff  
Midgley, Sharon  
Mok, Alan  
Norton, Chris  
Ondayko, Brock  
Patten, Kevin  
Prokop, Brenda  
Rutigliano, Tom  
Sasser, Jonathan  
Schnieder, Jonathan  
Shanker, Roy  
Thomson, Heather  
Vargo, Daniel  
Viel, Jeff  
Watson, Mark  
Weiss, Glenn  
Wilhite, Chad  
Wilmoth, Emily  
Yu, Joel

Monitoring Analytics, LLC  
Brookfield Energy Marketing LP  
Iberdrola  
ITC Interconnection LLC  
Illinois Municipal Electric Agency  
Monongahela Power Company d/b/a Allegheny Power  
Invenergy, LLC  
McNees Wallace & Nurick LLC  
PJM Interconnection, LLC  
North Carolina Electric Membership Corporation  
FirstEnergy Solutions Corp.  
Dominion Retail, Inc.  
Exelon Business Services Company, LLC  
Duke Energy Kentucky, Inc.  
American Municipal Power, Inc.  
Appalachian Power Company  
Appalachian Power Company  
ITC Mid-Atlantic Development LLC  
Achieving Equilibrium LLC  
Customized Energy Solutions, Ltd.\*  
FirstEnergy Solutions Corp.  
H.Q. Energy Services (U.S.), Inc.  
Mid-Atlantic Renewable Energy  
Allegheny Electric Cooperative, Inc.  
Exion Energy Inc.  
S & P Global  
PJM Interconnection, LLC  
FirstEnergy Solutions Corp.  
Dominion Virginia Power  
Rockland Electric Company

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

Author: S. Kenney