

**Underperformance Risk Management Senior Task Force (URMSTF)
PJM Conference and Training Center
August 17, 2016
10:00 a.m. – 4:00 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 July 29, 2016 Underperformance Risk Management Senior Task Force meeting were approved with **0 objections and 0 abstentions**.

Underperformance Risk Management Education

3. The planned education related to the timing of the calculation of the Final Balancing Ratio and the issuance of the PJM Invoice was deferred to the August 31, 2016 meeting.
4. Mr. Hal Loomis, PJM, presented education materials related to the existing process to handle Member default of Non-Performance Charges and the PJM default process used for other defaults.
5. Mr. Joe Ciabattoni, PJM, presented education regarding how PJM defines Closed Loop Interfaces.

Underperformance Risk Management CBIR Process

6. Ms. Carroll led a discussion to review the various proposed solution packages received from stakeholders prior to the meeting. Based on the direction the Markets & Reliability Committee (MRC) provided at the July 28th meeting and further discussion with the MRC Chair, it was determined that options proposing an update to the number of hours used in the Non-Performance Assessment Charge Rate was out of scope for the Senior Task Force.

A new package was proposed following the discussion and posted with the post meeting version of the matrix. All packages will be reviewed in detail at the August 31st Senior Task Force meeting to ensure members are prepared to start package narrowing and polling.

External Capacity Performance Enhancements Education

7. Mr. Tim Horger, PJM, reviewed the different stages external resources could be in the process to become a pseudo-tied unit and the proposed PJM plan to address each stage.
 8. Mr. John Baranowski, PJM, presented education materials on Electrical Distance and the results of PJM's recent electrical distance analysis.
 9. Mr. Aaron Berner, PJM, discussed PJM Planning criteria for external generation resources and compare to neighboring criteria.
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ECPE CBIR Process

10. Ms. Carroll led a discussion to review the various proposed solution packages received from stakeholders prior to the meeting. A new package and additional design component proposed following the last meeting were reviewed and discussed by the group.

All packages will be reviewed in detail at the August 31st Senior Task Force meeting to ensure members are prepared to start package narrowing and polling.

Meeting Recap and Future Agenda Items

Future Meeting Dates

August 31, 2016	9:30 a.m. – 4:00 p.m.	PJM Conference & Training Center/ WebEx
September 12, 2016	9:30 a.m. – 4:00 p.m.	PJM Conference & Training Center/ WebEx
September 19, 2016	9:30 a.m. – 4:00 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
Anders, David	PJM Interconnection, LLC	Not Applicable
Baranowski, John	PJM Interconnection, LLC	Not Applicable
Berner, Aaron	PJM Interconnection, LLC	Not Applicable
Bruce, Susan	McNees Wallace & Nurick LLC	Not Applicable
Bruno, Patrick	PJM Interconnection, LLC	Not Applicable
Bryson, Mike	PJM Interconnection, LLC	Not Applicable
Canchi, Devendra	Monitoring Analytics, LLC	Not Applicable
Ciabattoni, Joe	PJM Interconnection, LLC	Not Applicable
Coll, Daniel	PJM Interconnection, LLC	Not Applicable
Cox, Jason	Dynegy Power Marketing, Inc.	Generation Owner
Dadourian, John	Monitoring Analytics, LLC	Not Applicable
Esterly, Theresa	PJM Interconnection, LLC	Not Applicable
Fabiano, Janell	PJM Interconnection, LLC	Not Applicable
Fitch, Neal	NRG Power Marketing LLC	Generation Owner
Foladare, Kenneth	IMG Midstream LLC	Generation Owner
Griffiths, Dan	Consumer Advocates of PJM States	Not Applicable
Herling, Steve	PJM Interconnection, LLC	Not Applicable
Horger, Timothy	PJM Interconnection, LLC	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Johnson, Nick	Tenaska Power Services Co.	Generation Owner
Josyula, Siva	Monitoring Analytics, LLC	Not Applicable
Keech, Adam	PJM Interconnection, LLC	Not Applicable
Loomis, Harold	PJM Interconnection, LLC	Not Applicable
Militello, Nicole	PJM Interconnection, LLC	Not Applicable
O'Connell, Robert	Main Line Electricity Market Consultants	Not Applicable
Perera, Asanga	PJM Interconnection, LLC	Not Applicable
Pratzon, David	GT Power Group	Not Applicable
Spoke, John	Tenaska Power Services Co.	Generation Owner
Tribulski, Jen	PJM Interconnection, LLC	Not Applicable
Williams, Stanley	PJM Interconnection, LLC	Not Applicable
Yannarell, Dave	Talen Energy Marketing, LLC	Generation Owner

In Attendance via WebEx/Conference Call

Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Austin, Larry	PJM Interconnection, LLC	Not Applicable
Benckek, Jim	FirstEnergy Solutions Corp.	Transmission Owner
Bolan, Martin	FirstEnergy Solutions Corp.	Transmission Owner
Bresler, Stu	PJM Interconnection, LLC	Not Applicable
Bruce, Susan	McNees, Wallace and Nurick, LLC	Not Applicable
Bryson, Mike	PJM Interconnection, LLC	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
Cicero, Nick	FirstEnergy Solutions Corp.	Transmission Owner
Coll, Daniel	PJM Interconnection, LLC	Not Applicable
Collins, Leonard	State of Delaware	Not Applicable
Coyle, William	Dominion Virginia Power	Not Applicable
Davis, Connie	City of Cleveland, DPU, Div of Cleveland Public Pwr	Electric Distributor
DeLosa, Joseph	DE Public Service Commission	Not Applicable
Demuynck, Rene	NJ Board of Public Utilities	Not Applicable
Dickson, Douglas	New Jersey Board of Public Utilities	Not Applicable
Domian, Christian	Mitsubishi Electric Power Products Inc.	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Esposito-Hills, Pati	TransCanada Power Marketing Ltd.	Other Supplier
Farber, John	DE Public Service Commission	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Griffiths, Dan	Pennsylvania Office of Consumer Advocate	End-use Customer
Guerry, Katie	EnerNOC, Inc.	Other Supplier
Hart, Joy	North Carolina Electric Membership Corporation	Electric Distributor
Hastings, David	DhastCo	Not Applicable
Haymes, Alan	Federal Energy Regulatory Commission (The)	Not Applicable
Heise, Randi	Dominion Virginia Power	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Horton, Dana	Appalachian Power Company	Transmission Owner
Hudis, Gabriella	Gabel Associates	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Kingston, Amber	Aces Power Marketing	Not Applicable
Kothakapu, Rakesh	Illinois Municipal Electric Agency	Electric Distributor
Lacy, Catharine	Dominion Virginia Power	Not Applicable
Leasure, Jill	Keystone Projects	Not Applicable
Liang-Nicol, Cecilia	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Manning, James	North Carolina Electric Membership Corporation	Electric Distributor
Marton, David	FirstEnergy Solutions Corp.	Transmission Owner
Matzen, Jeff	Dominion Retail, Inc.	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Miller, Sarah	Unknown	Unknown
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Olinger, Robert	Gen Ops, LLC	Other Supplier
Ondayko, Brock	Appalachian Power Company	Transmission Owner
Patten, Kevin	Appalachian Power Company	Transmission Owner
Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schum, Alice	Illinois Municipal Electric Agency	Electric Distributor
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sillin, John	Federal Energy Regulatory Commission (The)	Not Applicable
Snyder, John	The Energy Authority	Other Supplier
Wilhite, Chad	FirstEnergy Solutions Corp.	Transmission Owner
Wilmoth, Emily	Dominion Virginia Power	Not Applicable
Yu, Joel	Rockland Electric Company	Transmission Owner