

Energy Price Formation Senior Task Force (EPFSTF)

Webex Only

May 6, 2022

9:00 a.m. - 12:00 p.m. EPT

Issue Tracking: [Operating Reserve Demand Curve \(ORDC\) & Transmission Constraint Penalty Factors](#)

Administration

1. Susan Kenney, facilitator, will provided a welcome and announcements. Andrea Yeaton, secretary, reviewed the Anti-trust, Code of Conduct, and Public Meetings/Media Participation.

Stakeholders approved draft minutes from the April 20, 2022 Energy Price Formation Senior Task Force (EPFSTF) meeting.

Transmission Constraint Penalty Factor Education

2. Mike Handlin presented requested education on how Transmission Constraint Penalty Factors can influence PJM generation dispatchers' ability to control ACE and reliability.
3. Angelo Marcino presented requested education on how other ISOs handle transmission shortages.

Transmission Constraint Penalty Factor CBIR

4. Phil D'Antonio reviewed PJM's updates to the Transmission Constraint Penalty Factor matrix made since the 4/5/2022 EPFSTF meeting.

Circuit Breaker Implementation Timing Discussion

5. Susan Kenney reviewed the Work Plan and timing considerations. Stakeholders were asked to provide input regarding their desired implementation date of the Circuit Breaker. There was general consensus that the Oct. 1, 2022 deadline was no longer necessary, although stakeholders encouraged continuing the productive working discussions on the Circuit Breaker design.

Circuit Breaker CBIR

6. Review and discussion of changes to Design Components and Solution Options was deferred to the next meeting due to time constraints.

Future Agenda Items

- Participants had a chance to request future agenda items.

Author: Andrea Yeaton

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location		
5/23/2022	9:00 am to 12:00 pm	WebEx	5/13/2022	5/18/2022
6/3/2022	9:00 am to 12:00 pm	WebEx	5/25/2022	5/31/2022
6/30/2022	9:00 am to 4:00 pm	WebEx	6/22/2022	6/27/2022
07/19/2022	9:00 am to 12:00 pm	WebEx	7/11/2022	7/14/2022
8/15/2022	9:00 am to 4:00 pm	WebEx	8/5/2022	8/10/2022

Attendees

Name	Company Name	Sector
Kenney, Susan (Facilitator)	PJM Interconnection, LLC	None
Yeaton, Andrea (Secretary)	PJM Interconnection, LLC	None
Abramowitz, Jeremy	Monitoring Analytics, LLC	None
Anderson, Jared	S&P Global Inc.	None
Baizman, Aaron	PJM Interconnection, LLC	None
Barker, Jason	Constellation Energy Generation, LLC	Generation Owner
Benchek, Jim	American Transmission Systems, Inc.	Transmission Owner
Bhuiyan, Arjun	RiverCrest Power-EAST, LLC	None
Bresler, Stu	PJM Interconnection, LLC	None
Brodbeck, John	EDP Renewables North America, LLC	Generation Owner
Bruno, Patrick	PJM Interconnection, LLC	None
Bryson, Michael (Mike)	PJM Interconnection, LLC	None
Callen, Zachary (Zac)	Illinois Commerce Commission	None
Canter, David	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Cao, Roger	PJM Interconnection, LLC	None
Carmean, Gregory	OPSI	None
Carrier, Ronald (Ron)	Big Lake Consulting	None
Chanda, Nirmalya	RiverCrest Power-South, LLC	None
Chang, Sean	Shell Energy North America (US), L.P.	Other Supplier
Chintapalli, Raj	BP Energy Company	Other Supplier
Chmielewski, Brian	PJM Interconnection, LLC	None
Christopher, Mahila	Public Utilities Commission of Ohio (The)	None
Ciabattini, Joseph	PJM Interconnection, LLC	None
Corash, Richard	PSEG Energy Resources & Trade LLC	Other Supplier
Croop, Danielle	PJM Interconnection, LLC	None
Curtis, Kenneth	Drilling Info, Inc.	None
D'Antonio, Phil	PJM Interconnection, LLC	None

Davis, James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Downs, Jere	PJM Interconnection, LLC	None
Dumitriu, Nicolae	PJM Interconnection, LLC	None
Ericson, Christine	Illinois Commerce Commission	None
Fan, Zhenyu	PJM Interconnection, LLC	None
Filomena, Guy	Customized Energy Solutions, Ltd.*	None
Fink, Regan	Pine Gate Mid-Atlantic, LLC	Other Supplier
Fink, Sari	American Clean Power Association	None
Foladare, Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Foster Cronin, Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Gates, Terry	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Gorman, Bradley	American Transmission Systems, Inc.	Transmission Owner
Graf, Walter	PJM Interconnection, LLC	None
Greiner, Gary	PSEG Energy Resources & Trade LLC	Other Supplier
Hastings, David	Market Interconnection Consulting Services (MICS)	None
Heinle, Frederick (Erik)	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Hepplewhite, Peter	Wrigley Capital LLC	Other Supplier
Hoatson, Thomas (Tom)	Riverside Generating, LLC	Generation Owner
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horger, Tim	PJM Interconnection, LLC	None
Horning, Lynn Marie	Customized Energy Solutions, Ltd.*	None
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hough, Dennis	The Federal Energy Regulatory Commission	None
Hu, Yong	PJM Interconnection, LLC	None
Hull, Gerit	American Municipal Power, Inc.	Electric Distributor
Hyatt, Earl	Monitoring Analytics, LLC	None
Hyzinski, Tom	GT Power Group	None
Iler, Arthur (Art)	Indiana Office of Utility Consumer Counsel	End-Use Customer
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Other Supplier
Johnson, Carl	Customized Energy Solutions, Ltd.*	None
Johnston, David	Indiana Utility Regulatory Commission	None
Kalaskar, Rahul	AES Ohio Generation, LLC	Generation Owner
Keech, Adam	PJM Interconnection, LLC	None
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Knotts, Pamela	DE Public Service Commission	None
Kogut, George	New York Power Authority	Other Supplier
Kumar, Nikhil	SIG Energy, LLLP	Other Supplier

Libbos, Robin	FirstEnergy Corporation	Transmission Owner
Mabry, David	McNees Wallace & Nurick LLC	None
Marcino, Angelo	PJM Interconnection, LLC	None
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Matheson, Eric	Pennsylvania Public Utility Commission	None
McAnany, James	PJM Interconnection, LLC	None
McCormick, Katharine	Illinois Commerce Commission	None
McNeil, Justin	Office of the Attorney General, Kentucky	End-Use Customer
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Monzon, Stephanie	PJM Interconnection, LLC	None
Mooney, Jeffrey	Allegheny Power (MonPwr Gen)	Transmission Owner
Morrow, Brian	East Kentucky Power Cooperative, Inc.	Transmission Owner
Moye, Bob	Rainbow Energy Marketing Corporation	Other Supplier
Neubrandner, Kerry	DC Energy Mid-Atlantic, LLC	Other Supplier
Ondayko, Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Patel, Keyurbhai (Keyur)	PJM Interconnection, LLC	None
Perera, Asanga	PJM Interconnection, LLC	None
Pilong, Christopher	PJM Interconnection, LLC	None
Poulos, Greg	CAPS	None
Pungaliya, Rajat	Pine Gate Mid-Atlantic, LLC	Other Supplier
Rainey, John	Northern Virginia Electric Cooperative	Electric Distributor
Robinson, Becky	Vista Energy Marketing, L.P.	Other Supplier
Rohrbach, John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rutledge, Craig	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	None
Scarpignato, David (Scarp)	Calpine Energy Services, L.P.	Generation Owner
Schmitt, David	New Jersey Board of Public Utilities	None
Servera, Max	Unicia Energy LP	Other Supplier
Shah, Vijay	PJM Interconnection, LLC	None
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Shegarfi, Roozbeh	Exelon Business Services Company, LLC	Transmission Owner
Sloan, Ben	Organization of PJM States, Inc.	None
Sock, Bryan	PSEG Energy Resources & Trade LLC	Other Supplier
Squibb, Bill	Ohio Valley Electric Corp	Transmission Owner
Stadelmeyer, Rebecca	PJM Interconnection, LLC	None
Sturgeon, John	Duke Energy Carolinas, LLC	Other Supplier
Svenson, Heather	Public Service Electric & Gas Company	Transmission Owner
Tutino, Joseph	PJM Interconnection, LLC	None

Tyler, Catherine	Monitoring Analytics, LLC	None
Vayda, Brian	Borough of Park Ridge, NJ	Electric Distributor
Ward, Michael	PJM Interconnection, LLC	None
Warshel, Kim	PJM Interconnection, LLC	None
Waweru, James	PJM Interconnection, LLC	None
Whitehead, Jeffrey	GT Power Group	None
Yeh, Eric	Baltimore Gas and Electric Company	Transmission Owner
Yoder, Michael	RTO Insider	None
Zhang, Michael (Mike)	PJM Interconnection, LLC	None