

## OC Special Session – Dynamic Line Ratings

WebEx Only

March 30, 2021

1:00 p.m. – 5:00 p.m. EPT

### Administration (1:00-1:10)

Alexandra Scheirer, secretary, welcomed participants, made announcements, and reviewed the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines.

Janell Fabiano, facilitator, and Eric Hsia, PJM, made opening remarks.

### Education (1:10-3:40)

1. Dynamic Line Ratings Overview

Shaun Murphy, PJM, provided an overview of the dynamic line ratings technology and the history of dynamic line ratings in PJM.

2. EMS and eDART Functionality Education

Dave Hislop, PJM, and Ryan Nice, PJM, provided education on the current and planned functionality in EMS and eDART to accommodate dynamic line ratings.

3. Operations Contingency and Outage Impacts Education

Dave Hislop, PJM, provided education on the impacts of dynamic line ratings on operations contingency and outages.

8. Dynamic Line Ratings Education (changed presentation order)

Joe Bowring, IMM, provided education on Dynamic Line Ratings.

4. Transmission Planning Impacts Education

Julia Spatafore, PJM, provided education on the impacts of dynamic line ratings on transmission planning

5. Modeling Dynamic Line Ratings in Markets Education

Tim Horger, PJM, provided education on modeling hourly dynamic line ratings in the Real-Time, Day-Ahead and FTR markets.

6. Modeling Dynamic Line Ratings Markets Efficiency Planning Process Education

Nick Dumitriu, PJM, provided education on modeling hourly dynamic line ratings in the Market Efficiency planning process.

7. Dynamic Line Ratings NOPR Update

Jim Burlew, PJM, provided an update on PJM's comments on the FERC NOPR concerning dynamic line ratings.

## 9. Installation Considerations Education

Horst Lehmann, PPL, Bill Skumanich, RTR Energy Solutions, and Joey Alexander, Ampacimon, provided education on dynamic line ratings installation considerations.

### Next Steps (3:40-3:45)

Darlene Phillips, OC Chair, discussed issue timelines and next steps and announced that PJM will consider all discussions at this special session and provide an update at the April and May OC.

### WebEx Attendees

Names	Company Name	Sector
Fabiano, Janell (Facilitator)	PJM Interconnection	Not Applicable
Scheirer, Alexandra (Secretary)	PJM Interconnection	Not Applicable
Abramowitz, Jeremy	Monitoring Analytics	Not Applicable
Achaab, Ed	AEP Energy Partners, Inc.	Transmission Owner
Ahmad, Syed	The Federal Energy Regulatory Commission	Not Applicable
Alexander, Joey	Ampacimon	Not Applicable
Ali, Shadab	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Amos, David	Duquesne Light Company	Transmission Owner
Anders, David	PJM Interconnection	Not Applicable
Baker, Jeff	Duke Energy Ohio, Inc.	Transmission Owner
Benckek, Jim	American Transmission Systems, Inc.	Transmission Owner
Berner, Aaron	PJM Interconnection	Not Applicable
Berton, Tyler	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Bhana, Rajesh	Exelon Business Services Company, LLC	Transmission Owner
Bleiweis, Bruce	DC Energy, LLC	Other Supplier
Bowen, Brandon	Indiana Utility Regulatory Commission	Not Applicable
Bowring, Joe	Monitoring Analytics	Not Applicable
Boyd, Chris	Dynegy Marketing & Trade, LLC	Generation Owner
Boyle, Glen	PJM Interconnection	Not Applicable
Brady, George	Ohio Valley Electric Corporation	Transmission Owner
Brodbeck, John	EDP Renewables North America LLC	Generation Owner
Bryson, Mike	PJM Interconnection	Not Applicable
Buhler, Tom	Rockland Electric Company	Transmission Owner
Burlew, James	PJM Interconnection	Not Applicable
Callen, Zac	Illinois Commerce Commission	Not Applicable
Carmean, Gregory	Organization of PJM States, Inc.	Not Applicable
Chang, Sean	Shell Energy North America (US), L.P.	Other Supplier
Chen, Yang	PJM Interconnection	Not Applicable
Chen, Hong	PJM Interconnection	Not Applicable
Chmielewski, Brian	PJM Interconnection	Not Applicable

Dadourian, John	Monitoring Analytics	Not Applicable
D'Alessandris, Lou	American Transmission Systems, Inc.	Transmission Owner
Davis, Jim	Dominion Energy Generation Marketing, Inc.	Generation Owner
Davis, Elizabeth	PJM Interconnection	Not Applicable
Derin, Bilge	PJM Interconnection	Not Applicable
Domian, Christin	Duquesne Light Company	Transmission Owner
Downs, Jere	PJM Interconnection	Not Applicable
Dumitriu, Nick	PJM Interconnection	Not Applicable
Essah, David	State Corporation Commission Commonwealth of Virginia	Not Applicable
Fan, Zhenyu	PJM Interconnection	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Foladare, Ken	Geenex Solar LLC	Generation Owner
Gahimer, Mike	IN Office of Utility Consumer Counselor	End-Use Customer
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Genuario, Gabby	PJM Interconnection	Not Applicable
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Hammack, Matthew	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Heinle, Erik	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Hislop, David	PJM Interconnection	Not Applicable
Horger, Tim	PJM Interconnection	Not Applicable
Hsia, Eric	PJM Interconnection	Not Applicable
Hunter, Andy	Metropolitan Edison Company	Electric Distributor
Hurwich, Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Huweart, Jillian	Duquesne Light Company	Transmission Owner
Hyzinski, Tom	GT Power Group, LLC	Not Applicable
Iler, Art	Indiana Office of Utility Consumer Counsel	End-Use Customer
Janicki, Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jenkins, Keith	American Transmission Systems, Inc.	Transmission Owner
Jeong, Hyo	DC Energy, LLC	Other Supplier
Jett, Wm	Duke Energy Business Services LLC	Transmission Owner
Johnston, Dave	Indiana Utility Regulatory Commission	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Konowal, Richard	PJM Interconnection	Not Applicable
Kopinski, John	ITC Interconnection LLC	Transmission Owner
Kozhuharov, Dimitar	Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Krawczyk, Leslie	Reliability First	Not Applicable
Kudryavtseva, Viktoriya	Gen IV Investment Opportunities, LLC	Other Supplier
Kuo, Dave	DC Energy LLC	Other Supplier
Laios, Takis	Appalachian Power Company	Transmission Owner

Lawson, Ryan	Dominion Virginia Power	Transmission Owner
Lehmann, Horst	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Libbos, Robin	FirstEnergy Corporation	Transmission Owner
Lowe, Connie	Dominion Virginia Power	Transmission Owner
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Mauroschadt, Erich	PJM Interconnection	Not Applicable
Mazzacano, Ed	Not Available	Not Available
McCormick, Katharine	Illinois Commerce Commission	Not Applicable
McGlynn, Paul	PJM Interconnection	Not Applicable
Messina, Emmy	PJM Interconnection	Not Applicable
Meyer, James	Public Service Electric & Gas Company	Transmission Owner
Murphy, Shaun	PJM Interconnection	Not Applicable
Nice, Ryan	PJM Interconnection	Not Applicable
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Ofoegbu, Chidiogo	PJM Interconnection	Not Applicable
Pakela, Gregory	DTE Energy Trading, Inc.	Other Supplier
Peebles, Andy	Saracen Energy East LP	Other Supplier
Peters, Scott	Duquesne Light Company	Transmission Owner
Phillips, Marji	Riverside Generating Company, L.L.C.	Generation Owner
Phillips, Darlene	PJM Interconnection	Not Applicable
Pilong, Christopher	PJM Interconnection	Not Applicable
Pincus, Steve	PJM Interconnection	Not Applicable
Price, Ruth Ann	Division of the Public Advocate of the State of Delaware	End-Use Customer
Rodriguez, Tomas	Organization of PJM States, Inc.	Not Applicable
Rooney, Alexa	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Rosenberger, Eric	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.	Not Applicable
Schuyler, Ken	PJM Interconnection	Not Applicable
Shegarfi, Roozbeh	Exelon Generation Co., LLC	Generation Owner
Sigmund, Elizabeth	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Sillin, John	The Federal Energy Regulatory Commission	Not Applicable
Skumanich, Bill	RTR Energy Solutions LLC	Not Applicable
Smith, Joseph	Public Service Electric & Gas Company	Transmission Owner
Sock, Bryan	Nautilus Power, LLC	Generation Owner
Spatafore, Julia	PJM Interconnection	Not Applicable
Stefanowicz, Vince	PJM Interconnection	Not Applicable
Stern, Alex	Public Service Electric & Gas Company	Transmission Owner
Strella Wahba, Lauren	PJM Interconnection	Not Applicable
Sturgeon, John	Duke Energy Carolinas, LLC	Other Supplier



# Meeting Minutes

As of April 8, 2021

Sun, Haibin	Exelon Business Services Company, LLC	Transmission Owner
Sweeney, Rory	GT Power Group, LLC	Not Applicable
Taylor, Robert	Commonwealth Edison Company	Transmission Owner
Thomas, Jack	PJM Interconnection	Not Applicable
Uhrin, Jim	Reliability First	Not Applicable
Whitehead, Jeff	GT Power Group, LLC	Not Applicable
Willey, Amy	Delaware Public Service Commission	Not Applicable
Wisersky, Megan	Madison Gas & Electric Co.	Other Supplier
Xu, Xu	PJM Interconnection	Not Applicable
Yoder, Michael	RTO Insider	Not Applicable
Zhou, Ming	DXT Commodities North America LLC	Other Supplier

Author: Alexandra Scheirer

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