

**DER and Inverter-based Resources Subcommittee – EDC Coordination workshop on DER
WebEx Only
January 19, 2021
2:30 p.m. – 4:30 p.m. ET**

Administration (2:30 – 2:35)

1. Scott Baker opened the meeting and reviewed the agenda.
2. Hamad Ahmed reviewed the meeting participation guidelines.

Order 2222 – Distribution Company Coordination (2:35 – 4:25)

3. PJM Staff continued to review initial thoughts on FERC order no. 2222 regarding the compliance directives associated with RTO and distribution utility coordination.
 - PJM Staff discussed additional rationale and timing details associated with their initial thinking on how to coordinate operations of DER aggregations between the RTO, the distribution utility, and the DER aggregator. As background for some of the timing provisions associated with the proposed timing windows, PJM reviewed how the near term reliability studies, specifically 3-day out, 2-day out and day-ahead study processes, are conducted. PJM staff also discussed the current PJM markets timelines and acquired stakeholder feedback on the various coordination steps proposed.
 - Staff and stakeholders also discussed how the utility override process may work, and the distribution reliability criteria that will be needed to support that process.

Action items and next meeting agenda (4:25 – 4:30)

4. The facilitation team reviewed action items from the meeting and took requests for future agenda items. The next EDC workshop will likely focus on the provisions of the Utility Review Process laid out in Order 2222.

Future Meeting Dates

February 3, 2021	9:00 – 4:00	WebEx
February 12, 2021 – EDC Workshop	1:00 – 3:00	WebEx
March 3, 2021	9:00 – 4:00	WebEx
March 15, 2021 – EDC Workshop	9:00 – 11:00	WebEx
March 31, 2021	9:00 – 4:00	WebEx
April 28, 2021	9:00 – 4:00	WebEx
May 25, 2021	9:00 – 12:00	WebEx
June 22, 2021	9:00 – 12:00	WebEx

July 23, 2021	9:00 – 12:00	TBD
August 16, 2021	9:00 – 12:00	TBD
September 14, 2021	9:00 – 12:00	TBD
October 13, 2021	9:00 – 12:00	TBD
November 16, 2021	9:00 – 12:00	TBD
December 14, 2021	9:00 – 12:00	TBD

Author: Hamad Ahmed

WebEx Meeting Attendees

Name	Company Name	Sector
Ahmed, Hamad	PJM Interconnection	None
Ainspan, Malcolm	NRG Curtailment Solutions, Inc.	Other Supplier
Ali, Shadab	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Allen, William	Commonwealth Edison Company	Transmission Owner
Anders, David	PJM Interconnection	None
Arnold, Katelyn	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Baker, Jeff	PJM Connect	None
Baker, Scott	PJM Interconnection	None
Baur, Sean	GlidePath Power Operations LLC	Generation Owner
Beam, George	PPL Elec Utilities Corp dba PPL Utilities (PPL POLR Small C&I)	Transmission Owner
Beban, Madalyn	PJM Interconnection	None
Benckek, Jim	FirstEnergy Corporation	None
Berner, Aaron	PJM Interconnection	None
Bielak, Donnie	PJM Interconnection	None
Bowring, Joe	Monitoring Analytics	None
Brodbeck, John	EDP Renewables North America LLC	Generation Owner
Bryson, Michael	PJM Internal	None
Campbell, Bruce	Enerwise Global Technologies, LLC	Other Supplier
Canter, David	Appalachian Power Company (AEP Generation)	Transmission Owner
Cavan, Peter	Direct Energy Business Marketing, LLC	Other Supplier
Chakragiri, Mohan	ENGIE Energy Marketing NA, Inc. (Bluestone)	Other Supplier
Cham, Edrissa	Savion, LLC	None
Chang, Sean	Shell Energy North America (US), L.P.	Other Supplier
Chee, Yee Hong	MCG Energy Solutions	None
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Collette, Lucas	Duquesne Light Company	Transmission Owner

Connelly, Nancy	Duke Energy Ohio, Inc.	Transmission Owner
Covino, Susan	Susan Covino	None
Dailey, Michael	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
D'Alessandris, Louis	American Transmission Systems, Inc.	Transmission Owner
Davis, Elizabeth	PJM Interconnection	None
Davis, James	Dominion Energy Generation Marketing, Inc.	Generation Owner
DeLosa, Joseph	New Jersey Board of Public Utilities	None
DeVita, Thomas	PJM Interconnection	None
DiNicola, Laura	firstenergy	None
Dolan, Ryan	Dayton Power & Light Company (The) (EDC)	Transmission Owner
Dropkin, Ilyana	PJM Interconnection	None
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu, Nicolae	PJM Interconnection	None
Elkins, Rachel	American Transmission Systems, Inc.	Transmission Owner
Ellis, David	Public Service Electric & Gas Company	Transmission Owner
fan, zhenyu	PJM Interconnection	None
Fee, George	Appalachian Power Company (AEP Generation)	Transmission Owner
Feller, John	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Felt, Justin	Baltimore Gas and Electric Company (Residential)	None
Filomena, Guy	Other	None
Fleisher, Madeline	Dickinson Wright PLLC	None
Foladare, Kenneth	Geenex Solar LLC	Generation Owner
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Frogg, Darrell	PJM Interconnection	None
Gahimer, Michael	Indiana Office of Utility Consumer Counselor (IN OUC)	None
Gebolys, Debbie	Other	None
Genuario, Gabrielle	PJM Interconnection	None
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier
Glatz, Suzanne	PJM Interconnection	None
Glazer, Craig	PJM Interconnection	None
Greening, Michele	PJM Interconnection	None
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Hanser, Erik	Michigan Public Service Commission	None
Heinle, Frederick	Office of the Peoples Counsel	None
Hoatson, Tom	West Deptford Energy, LLC	Generation Owner
Horning, Lynn Marie	Customized Energy Solutions, Ltd.	None
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hsia, Eric	PJM Interconnection	None

Hull, Gerit	American Municipal Power, Inc.	Electric Distributor
Hyzinski, Tom	gtpgghyzinsk	None
Iler, Arthur	Indiana Office of Utility Consumer Counselor	None
Janicki, Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jardot, Gina	NRG Curtailment Solutions, Inc.	Other Supplier
Jett, William	Duke Energy Business Services LLC	Transmission Owner
Jha, Monica	PCI	None
Johnson, Augustus	Dominion Virginia Power (EDC)	Transmission Owner
Johnson, Carl	Customized Energy Solutions, Ltd.	None
Johnson, Nathaniel	Appalachian Power Company (AEP Generation)	Transmission Owner
Johnston, David	Other	None
Kalle, Issiaga	Tibiri Energy Group, llc	None
Kauffman, Brian	Enel X North America, Inc.	Other Supplier
Kelly, Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kirk, Ryan	Appalachian Power Company (AEP Generation)	Transmission Owner
Koehler, Nicolas	Appalachian Power Company (AEP Transmission)	Transmission Owner
Kogut, George	New York Power Authority	Other Supplier
Krauthamer, Michael	EV Advisors	None
Lawson, Ryan	Dominion Virginia Power	Transmission Owner
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor
LOWE, CONNIE	Dominion Virginia Power	Transmission Owner
Mabry, David	McNees Wallace & Nurick LLC	None
Mariam, Yohannes	Office of the People's Counsel for the District of Columbia	None
martin, Valerie	Federal Energy Regulatory Commission	None
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mirabile, James	Baltimore Gas and Electric Company	Transmission Owner
Morelli, Lisa	PJM Interconnection	None
mousa, Ahmed	Public Service Electric & Gas Company	Transmission Owner
Muhl, Nancy	PJM Interconnection	None
Nix, Emma	Jersey Green Energy LLC	Other Supplier
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
patel, keyurbhai	PJM Interconnection	None
Phillips, Darlene	PJM Interconnection	None
Polka, Joseph	Duquesne Light Company	Transmission Owner
Pratt, Nicholas	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Price, Ruth	Delaware Division of the Public Advocate	None
Rainey, John	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Robinson, Becky	vistra energy	None

Rodriguez, Tomas	Organization of PJM States, Inc.	None
Rohrbach, John	Wabash Valley Power Association, Inc.	Electric Distributor
Rosenblatt, Alex	Duquesne Light Company	Transmission Owner
Rouland, James	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Roychowdhury, Rajarshi	Dayton Power & Light Company (Default)	Transmission Owner
Rumsey, Amanda	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Rutigiano, Tom	Natural Resources Defense Council	None
Sasser, Jonathan	Customized Energy Solutions, Ltd.	None
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Schisler, Kenneth	Enerwise Global Technologies, LLC	None
Schuyler, Ken	PJM Interconnection	None
Schweizer, David	PJM Interconnection	None
Seireg, Bahaa	Rockland Electric Company	Transmission Owner
Shearer, Evan	Duke Energy Business Services LLC	Transmission Owner
Singh, Mohit	Commonwealth Edison Company	Transmission Owner
Skumanich, Bill	RTR Energy Solutions LLC	None
Sorrels, James	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Stefanowicz, Vincent	PJM Interconnection	None
Stein, Ed	Ohio Edison Company	Electric Distributor
Stern, Alexander	Public Service Electric & Gas Company	Transmission Owner
Svenson, Heather	Public Service Electric & Gas Company	Transmission Owner
Swalwell, Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney, Rory	GT Power Group, LLC	None
Swenson, Kristin	Midcontinent Independent Sys Op, Inc. (CTS)	None
Taylor, Robert	Commonwealth Edison Company	Transmission Owner
Teeter, Valerie	Exelon Business Services Company, LLC	Transmission Owner
Thiel, Stephen	Commonwealth Edison Company	Transmission Owner
Thundiyil, Kevin	Exelon Generation Co., LLC (NEV_XLON)	Generation Owner
Tyler, Catherine	Monitoring Analytics	None
Walter, Laura	PJM Interconnection	None
Weber, Adam	Union Electric Company d/b/a Ameren Missouri	Other Supplier
Webster, John	Icetek.com, Inc.	Other Supplier
Wehnes, Kathleen	Maryland Department of the Environment	None
Whitehead, Jeffrey	GT Power Group	None
Willey, Amy	Delaware Public Service Commission	None
Wilmoth ES, Emily	Dominion Virginia Power	Transmission Owner
Yeaton, Andrea	PJM Interconnection	None
Yoo, Kyungjin	Monitoring Analytics	None

Yu, Joel

Enchanted Rock

None

Antitrust:

You may not discuss any topics that violate, or that might appear to violate, the antitrust laws including but not limited to agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition. If any of these items are discussed the chair will re-direct the conversation. If the conversation still persists, parties will be asked to leave the meeting or the meeting will be adjourned.

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Minutes

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