

**DER and Inverter-based Resources Subcommittee – EDC Coordination workshop on DER
WebEx Only
May 5, 2021
1:00 p.m. – 3:00 p.m. ET**

Administration (1:00 – 1:05)

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

Order 2222 (1:05 – 2:45)

3. First Energy presented metering configurations for residential and commercial DER customers.
 - Chris Wehr, First Energy, discussed key scenarios and configurations within residential non-market participation, residential market participation, small and large C&I non-market participation and small and large C&I Market participation. FE also discussed key considerations.
4. Stakeholders discussed a schedule for future workshop topics.

Action items and next meeting agenda (2:45 – 3:00)

5. The facilitation team reviewed action items from the meeting and took requests for future agenda items.

Future Meeting Dates

May 19, 2021	9:00 – 4:00	WebEx
June 11, 2021–EDC Coordination workshop	10:00 – 12:00	WebEx
June 28, 2021	9:00 – 4:00	WebEx
July 15, 2021–EDC Coordination workshop	2:00 – 4:00	WebEx
July 23, 2021	9:00 – 4:00	WebEx
August 10, 2021–EDC Coordination workshop	3:00 – 5:00	WebEx
August 16, 2021	9:00 – 12:00	WebEx
September 14, 2021	9:00 – 12:00	WebEx
September 21, 2021–EDC Coordination workshop	3:00 – 5:00	WebEx
October 22, 2021	9:00 – 4:00	WebEx
November 9, 2021-EDC Coordination workshop	3:00 – 5:00	WebEx
November 22, 2021	9:00 – 3:00	WebEx
December 9, 2021-EDC Coordination workshop	3:00 – 5:00	WebEx
December 21, 2021	9:00 – 4:00	WebEx

Author: Hamad Ahmed

WebEx Meeting Attendance

Name	Company Name	Sector
Edward Achaab	AEP Ohio Transmission Company, Inc.	Transmission Owner

Hamad Ahmed	PJM Interconnection	None
Malcolm Ainspan	NRG Curtailment Solutions, Inc.	Other Supplier
William Allen	Commonwealth Edison Company	Transmission Owner
David Anders	PJM Interconnection	None
Katelyn Arnold	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Qamar Arsalan	Public Service Electric & Gas Company	Transmission Owner
Thomas Bainbridge	Guidehouse	
Jeff Baker	PJM Connect	
Scott Baker	PJM Interconnection	None
George Beam	PPL Elec Utilities Corp dba PPL Utilities (PPL POLR Small C&I)	Transmission Owner
Jim Benchek	FirstEnergy Corporation	
Emanuel Bernabeu	PJM	
Aaron Berner	PJM Interconnection	None
Tyler Berton	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Rajesh Bhana	Exelon Business Services Company, LLC	Transmission Owner
Donnie Bielak	PJM Interconnection	None
John Borkoski	MD Public Service Commission	
Joe Bowring	Monitoring Analytics	
Glen Boyle	PJM Interconnection	None
Aaron Breidenbaugh	Rodan Energy Solutions (USA) Inc.	Other Supplier
John Brodbeck	EDP Renewables North America LLC	Generation Owner
Richard Brooks	Reliable Energy Analytics LLC	
Patrick Bruno	PJM Interconnection	None
Michael Bryson	PJM Internal	
Kat Burnham	Advanced Energy Economy (AEE)	
Kevin Burns	Open Access Technology International, Inc.	None
Zachary Callen	Illinois Commerce Commission	
Bruce Campbell	Enerwise Global Technologies, LLC	Other Supplier
David Canter	Appalachian Power Company (AEP Generation)	Transmission Owner
Gregory Carmean	Organization of PJM States, Inc.	
Mohan Chakragiri	ENGIE Energy Marketing NA, Inc. (Bluestone)	Other Supplier

Sean Chang	Shell Energy North America (US), L.P.	Other Supplier
Yee Hong Chee	MCG Energy Solutions	
Yang Chen	PJM Interconnection	None
Roseanne Circelli	Public Service Electric & Gas Company	Transmission Owner
Stephen Thiel ComEd	PJM Connect	
Nancy Connelly	Duke Energy Ohio, Inc.	Transmission Owner
Danielle Croop	PJM Interconnection	None
Jeff Currier ES	Dominion Virginia Power	Transmission Owner
Michael Dailey	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Louis D'Alessandris	American Transmission Systems, Inc.	Transmission Owner
Elizabeth Davis	PJM Interconnection	None
James Davis	Dominion Energy Generation Marketing, Inc.	Generation Owner
Joseph DeLosa	New Jersey Board of Public Utilities	
Brett Denby	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Thomas DeVita	PJM Interconnection	None
Meredith Dibert	Pennsylvania Department of Environmental Protection	
Mamadou Diong	Dominion Virginia Power	Transmission Owner
Ryan Dolan	Dayton Power & Light Company (The) (EDC)	Transmission Owner
Christin Domian	Duquesne Light Company	Transmission Owner
Rick Drom	Rick Drom	
Ilyana Dropkin	PJM Interconnection	None
Chuck Dugan	East Kentucky Power Cooperative, Inc.	Transmission Owner
Nicolae Dumitriu	PJM Interconnection	None
Julian Echeverri	Opdenenergy	
Rachel Elkins	American Transmission Systems, Inc.	Transmission Owner
David Ellis	Public Service Electric & Gas Company	Transmission Owner
zhenyu fan	PJM Interconnection	None
George Fee	Appalachian Power Company (AEP Generation)	Transmission Owner

Guy Filomena	Customized Energy Solutions, Ltd.	None
Brian Fitzpatrick	PJM Interconnection	None
Madeline Fleisher	Dickinson Wright PLLC	
Kenneth Foladare	Geenex Solar LLC	Generation Owner
Adrien Ford	Old Dominion Electric Cooperative	Electric Distributor
Denise Foster Cronin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Darrell Frogg	PJM Interconnection	None
Michael Gahimer	Indiana Office of Utility Consumer Counselor (IN OUCC)	
Jill Gates	PJM Interconnection	
Terry Gates	Appalachian Power Company (AEP Generation)	Transmission Owner
Gabrielle Genuario	PJM Interconnection	None
Rehan Gilani	ConEdison Energy, Inc.	Other Supplier
Joe Gilpin	Duke Energy Ohio, Inc. (EDC)	Transmission Owner
Joe Gilpin	Peak Power Inc	
Suzanne Glatz	PJM Interconnection	None
Craig Glazer	PJM Interconnection	None
Marlena Gouin	Pennsylvania Electric Company	Electric Distributor
Luke Granstrand	Dominion Virginia Power	
Michele Greening	PJM Interconnection	None
Gary Greiner	PSEG Energy Resources and Trade LLC	Other Supplier
Vince Guntle	American PowerNet Management, L.P.	End-Use Customer
Erik Hanser	Michigan Public Service Commission	
Gary Hartman	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Prusha Hasan	Advanced Energy Economy	
Frederick Heinle	Office of the Peoples Counsel	
Chad Heitmeyer	Appalachian Power Company (AEPSCO)	Transmission Owner
Suzanne Herel	PJM Interconnection	None
Tom Hoatson	West Deptford Energy, LLC	Generation Owner
Jennifer Hohenshilt	Talen Energy Marketing, LLC	Generation Owner

Ruth Holdbrook	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Tony Holton	Commonwealth Edison Company	Transmission Owner
Lynn Marie Horning	Customized Energy Solutions, Ltd.	None
John Horstmann	Dayton Power & Light Company (The)	Transmission Owner
Benjamin Hunter	BSHunter	
Tom Hyzinski	gtgghyzinsk	
Arthur Iler	Indiana Office of Utility Consumer Counselor	
Diane Janicki	Boston Energy Trading and Marketing LLC	Other Supplier
Gina Jardot	NRG Curtailment Solutions, Inc.	Other Supplier
William Jett	Duke Energy Business Services LLC	Transmission Owner
Kelsi Jewell ES	Dominion Virginia Power	Transmission Owner
Monica Jha	PCI	
Augustus Johnson	Dominion Virginia Power (EDC)	Transmission Owner
Bethany Johnson	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Carl Johnson	Customized Energy Solutions, Ltd.	None
Nathaniel Johnson	Appalachian Power Company (AEP Generation)	Transmission Owner
David Johnston	Other	
Brian Kauffman	Enel X North America, Inc.	Other Supplier
Stephen Kelly	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Thomas Kennedy	Commonwealth Edison Company	
Kevin Kilgallen	Avangrid Renewables, LLC	Generation Owner
Nicolas Koehler	Appalachian Power Company (AEP Transmission)	Transmission Owner
George Kogut	New York Power Authority	Other Supplier
Lori Murphy Lee	PJM Interconnection	None
Katherine Legates	Appalachian Power Company (AEP Generation)	Transmission Owner
Benjamin Levitt	IHS Markit	
Steven Lieberman	American Municipal Power, Inc.	Electric Distributor

CONNIE LOWE	Dominion Virginia Power	Transmission Owner
Yohannes Mariam	Office of the People's Counsel for the District of Columbia	
julie mason	Duke Energy Ohio, Inc.	Transmission Owner
Eric Matheson	Non-member	
Paul McGlynn	PJM Interconnection	None
Timothy McInerney	Commonwealth Edison Company	Transmission Owner
Sharon Midgley	Exelon Business Services Company, LLC	Transmission Owner
James Mirabile	Baltimore Gas and Electric Company	Transmission Owner
Lisa Morelli	PJM Interconnection	None
Mike Nester	Dominion Virginia Power (EDC)	Transmission Owner
Emma Nix	Jersey Green Energy LLC	Other Supplier
Chris Norton	American Municipal Power, Inc.	Electric Distributor
James Okenfuss	Savion, LLC	
Brock Ondayko	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Sara Parkison	University of Delaware	
keyurbhai patel	PJM Interconnection	None
Darlene Phillips	PJM Interconnection	
Christopher Pilong	PJM Interconnection	None
Joseph Polka	Duquesne Light Company	
Greg Poulos	PJM Committee Voting Generic Account	
Nicholas Pratt	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Ruth Price	Delaware Division of the Public Advocate	
Jason Proconiar	Buckeye Power, Inc.	Electric Distributor
Michael Purdie	Dominion Virginia Power	Transmission Owner
Farrokh Rahimi	Open Access Technology International, Inc.	None
John Rainey	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Ryann Reagan	New Jersey Board of Public Utilities	
Wanda Reder	PPL	
Jim REILLY	Reilly Associates	
Tomas Rodriguez	Organization of PJM States, Inc.	

John Rohrbach	Wabash Valley Power Association, Inc.	Electric Distributor
Alexa Rooney	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Alex Rosenblatt	Duquesne Light Company	Transmission Owner
James Rouland	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Amanda Rumsey	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Bruce Sailers	Duke Energy Ohio, Inc. (EDC)	Transmission Owner
Jonathan Sasser	Customized Energy Solutions, Ltd.	None
David Scarpignato	Calpine Energy Services, L.P.	Generation Owner
Kenneth Schisler	Enerwise Global Technologies, LLC	Other Supplier
Ken Schuyler	PJM Interconnection	None
Bahaa Seireg	Rockland Electric Company	Transmission Owner
William Sharkazy III	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Evan Shearer	Duke Energy Business Services LLC	Transmission Owner
Bill Skumanich	RTR Energy Solutions LLC	None
Mark Smith	AEP Energy Partners, Inc. (AEP Retail)	Transmission Owner
James Sorrels	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Vincent Stefanowicz	PJM Interconnection	None
Ed Stein	Ohio Edison Company	Electric Distributor
Alexander Stern	Public Service Electric & Gas Company	Transmission Owner
Heather Svenson	Public Service Electric & Gas Company	Transmission Owner
Brad Swalwell	Tangent Energy Solutions, Inc.	Other Supplier
Rory Sweeney	GT Power Group, LLC	None
Robert Taylor	Commonwealth Edison Company	Transmission Owner
Kevin Thundiylil	Exelon Generation Co., LLC (NEV_XLON)	Generation Owner
James Tobia	FirstEnergy Services	
Catherine Tyler	Monitoring Analytics	

Jacqueline Walker	Duke Energy Business Services LLC	
Laura Walter	PJM Interconnection	None
Jerry Warchol	Dominion Virginia Power (EDC)	Transmission Owner
Betty Watson	Affirmed Energy LLC	Other Supplier
Kathleen Wehnes	Maryland Department of the Environment	
Christopher Wehr	Ohio Edison Company (EDC)	Electric Distributor
Matthew Wharton	Guidehouse Inc	
Jeffrey Whitehead	GT Power Group	
Amy Willey	Delaware Public Service Commission	
Megan Wisersky	Madison Gas & Electric Co.	Other Supplier
Damon Xenopoulos	Other	
Andrea Yeaton	PJM Interconnection	None
Jin An Yi	jinan	
Michael Yoder	RTO Insider	
Kyungjin Yoo	Monitoring Analytics	

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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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