



DER and Inverter-based Resources Subcommittee – EDC Coordination workshop on DER WebEx Only July 15, 2021 2:00 p.m. – 5:00 p.m. ET

Administration (2:00 - 2:10)

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

Order 2222 (2:10 - 4:50)

- 3. Joint utilities provided feedback on the PJM straw proposal in the areas of settlements and market participation.
 - Chris Wehr, First Energy, discussed concerns, questions, thoughts and clarifying questions on weighting factors, mapping for location requirements and nodal vs. multi-nodal participation.
 - Chris also discussed different items, concerns and thoughts on Market participation models, cost based offers, single vs multiple DER aggregators, DER Aggregation Size (min/max) requirements, metering & telemetry and put forth several clarifying questions on the Market participation model and metering and telemetry.
 - Gary Hartman, PSEG, provided EDC feedback on PJM straw proposal on double counting.
- 4. Stakeholders discussed using the Order 2222 matrix as a way to track feedback on the PJM straw proposal.
 - Stakeholders discussed and added a new requirement to the Order 2222 matrix; Implementation timeline.

Action items and next meeting agenda (4:50-5:00)

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

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date Time Location		5 p.m.	4 p.m.	
July 23, 2021	9:00 - 4:00	WebEx	July 15, 2021	July 20, 2021
August 10, 2021–EDC Coordination workshop	3:00 - 5:00	WebEx	August 2, 2021	August 5, 2021
August 16, 2021	9:00 – 12:00	WebEx	August 6, 2021	August 11, 2021
September 14, 2021	9:00 – 12:00	WebEx	September 3, 2021	September 9, 2021
September 21, 2021–EDC Coordination workshop	3:00 - 5:00	WebEx	September 13, 2021	September 16, 2021





October 22, 2021	9:00 – 4:00	WebEx	October 14, 2021	October 19, 2021
November 9, 2021-EDC Coordination workshop	3:00 - 5:00	WebEx	November 1, 2021	November 4, 2021
November 22, 2021	9:00 - 3:00	WebEx	November 12, 2021	November 17, 2021
December 9, 2021-EDC Coordination workshop	3:00 - 5:00	WebEx	December 1, 2021	December 6, 2021
December 21, 2021	9:00 – 4:00	WebEx	December 13, 2021	December 16, 2021

Author: Hamad Ahmed

WebEx Meeting Attendance

Name	Company Name	Sector
Hamad Ahmed	PJM Interconnection	None
Tiamad Aimicu	1 dw morodinection	None
Malada Alasa	NDO O dellacad Oct Cons. Inc.	Other Country
Malcolm Ainspan	NRG Curtailment Solutions, Inc.	Other Supplier
William Allen	Commonwealth Edison Company	Transmission Owner
David Anders	PJM Interconnection	None
todd aquino	Pine Gate Mid-Atlantic, LLC	
Riyasat Azim	DNV GL Energy USA, Inc	
Jeff Baker	PJM Connect	
0 " " " "	5,000	
Scott Baker	PJM Interconnection	None
George Beam	PPL Elec Utilities Corp dba PPL Utilities (PPL POLR Small C&I)	Transmission Owner
George Beam	Odij	Transmission Owner
Madalyn Beban	PJM Interconnection	None
Jim Benchek	FirstEnergy Corporation	
Aaron Berner	PJM Interconnection	None
Tyler Berton	AEP Appalachian Transmission Company, Inc.	Transmission Owner





Donnie Bielak	PJM Interconnection	None
Michael Borgatti	PJM Committee Voting Generic Account	
John Borkoski	MD Public Service Commission	
Joe Bowring	Monitoring Analytics	
Aaron Breidenbaugh	Rodan Energy Solutions (USA) Inc.	Other Supplier
Patrick Bruno	PJM Interconnection	None
Michael Bryson	PJM Internal	
Kevin Burns	Open Access Technology International, Inc.	None
Jason Burwen	Iowa Utilities Board	
Zachary Callen	Illinios Commerce Commission	
Bruce Campbell	Enerwise Global Technologies, LLC	Other Supplier
David Canter	Appalachian Power Company (AEP Generation)	Transmission Owner
Edrissa Cham	Savion, LLC	
Sean Chang	Shell Energy North America (US), L.P.	Other Supplier
Iker Chocarro Aguirrebengoa	Guidehouse	
Mahila Christopher	Public Utilities Commission of Ohio	
Lucas Collette	Duquesne Light Company	Transmission Owner
Stephen Thiel ComEd	PJM Connect	
Nancy Connelly	Duke Energy Ohio, Inc.	Transmission Owner
Larry Crudup	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner





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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	
Laura DiNicola	firstenergy	
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
Julian Echeverri	Opdenergy	
Rachel Elkins	American Transmission Systems, Inc.	Transmission Owner





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David Ellis	Public Service Electric & Gas Company	Transmission Owner
David Lino	Tubilo col 1100 Elocato di Calo Company	Transmission owner
John Feller	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Guy Filomena	Customized Energy Solutions, Ltd.	None
Kenneth Foladare	Geenex Solar LLC	Other Supplier
Refilled Foldadare	Geeriek Solai ELO	Опет Зиррнет
Sheila Foley	PJM Interconnection	None
Adrien Ford	Old Dominion Electric Cooperative	Electric Distributor
Denise Foster Cronin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Definise Foster Oronin	East remarky Fower Gooperative, inc.	Transmission Owner
DII F	P.W. Indiana and Tax	Mari
Darrell Frogg	PJM Interconnection	None
Janice Fuller	NextEra Energy Marketing, LLC	Other Supplier
Peter Fuller	Autumn Lane Energy Consulting LLC	Other Guppher
1 COTT UNC	Addition Energy Considering EEC	
Michael Gahimer	Indiana Office of Utility Consumer Counselor (IN OUCC)	
Jill Gates	PJM Interconnection	
Terry Gates	Appalachian Power Company (AEP Generation)	Transmission Owner
Debbie Gebolys	Other	-
Gabrielle Genuario	PJM Interconnection	None
Rehan Gilani	ConEdison Energy, Inc.	Other Supplier





Suzanne Glatz	PJM Interconnection	None
Craig Glazer	PJM Interconnection	None
Marlena Gouin	Pennsylvania Electric Company	Electric Distributor
Luke Granstrand	Dominion Virginia Power	Transmission Owner
Michele Greening	PJM Interconnection	None
00	POSO Service Brown and Trade III O	Other Country
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
David Hastings	PJM Committee Voting Generic Account	Transmission Switch
Thomas Hauske	PJM Interconnection	None
Chad Hirsh	Duquesne Light Company	Transmission Owner
Tom Hoatson	West Deptford Energy, LLC	Generation Owner
Lynn Marie Horning	Customized Energy Solutions, Ltd.	None
John Horstmann	Dayton Power & Light Company (The)	Transmission Owner





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Steven Hughes	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Gerit Hull	American Municipal Power, Inc.	Electric Distributor
Tom Unwingle	CT Payer Crays LLC	None
Tom Hyzinski	GT Power Group, LLC	None
Arthur Iler	Indiana Office of Utility Consumer Counselor	
Diane Janicki	Boston Energy Trading and Marketing LLC	Other Supplier
Diane Janicki	DOSION CHERRY Trading and Warketing ELC	Опет Зиррпет
	NDO O A TILL AD A TILL	
Gina Jardot	NRG Curtailment Solutions, Inc.	Other Supplier
William Jett	Duke Energy Business Services LLC	Transmission Owner
Carl Johnson	Customized Energy Solutions, Ltd.	None
Nathaniel Johnson	Appalachian Power Company (AEP Generation)	Transmission Owner
David Johnston	Other	Transmission owner
David Johnston	Outer	
Brian Kauffman	Enel X North America, Inc.	Other Supplier
Samuel Kayne	Delaware PSC	
Stephen Kelly	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Nicolas Koehler	Appalachian Power Company (AEP Transmission)	Transmission Owner
14100103 TOOTHO	Appaidomant owor company (ALI Transmission)	Transmission Owner
George Kogut	New York Power Authority	Other Supplier
Dimitar Kozhuharov	State Commissions	
Lori Murphy Lee	PJM Interconnection	None
Steven Lieberman	American Municipal Power, Inc.	Electric Distributor
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CONNIE LOWE	Dominion Virginia Power	Transmission Owner
Leonid Lyakhovich	Public Service Electric & Gas Company	Transmission Owner
David Mabry	Public Service Electric & Gas Company McNees Wallace & Nurick LLC	Transmission Owner
David iviably	Wichees Wallace & Nuller LLC	
Yohannes Mariam	Office of the People's Counsel for the District of Columbia	
Timothy Martin	Green River Holdings, LLC	Generation Owner
Valerie martin	Federal Energy Regulatory Commission	
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julie mason	Duke Energy Ohio, Inc.	Transmission Owner
Katharine McCormick	Illinois Commerce Commission	
Paul McGlynn	PJM Interconnection	None
Timothy McInerney	Commonwealth Edison Company	Transmission Owner
Karthik Mekala	OATI	
Kevin meridionale	Jersey Central Power & Light Company	Transmission Owner
Sharon Midgley	Exelon Business Services Company, LLC	Transmission Owner
Sharon widgley	Exclori business Services Company, LEC	Transmission Owner
James Mirabile	Baltimore Gas and Electric Company	Transmission Owner
Samo Hillabile	Salamoro dad and Elocato Company	
L Con Manualli	P.M. Constant	No. 1
Lisa Morelli	PJM Interconnection	None
Emma Nix	Jersey Green Energy LLC	Other Supplier





Chris Norton	American Municipal Power, Inc.	Electric Distributor
Brock Ondayko	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Sara Parkison	University of Delaware	
keyurbhai patel	PJM Interconnection	None
John Peoples	Duquesne Light Company	Transmission Owner
Darlene Phillips	PJM Interconnection	None
Evan Pierce	Amazon Energy LLC	Other Supplier
Christopher Pilong	PJM Interconnection	None
Melissa Pilong	PJM Interconnection	None
Joseph Polka	Duquesne Light Company	Transmission Owner
Nicholas Pratt	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Ruth Price	Delaware Division of the Public Advocate	
lasaa Dassurias	Dudous Davis Ira	Florida Distributos
Jason Procuniar	Buckeye Power, Inc.	Electric Distributor
Farrokh Rahimi	Open Access Technology International, Inc.	None
John Rainey	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Tomas Rodriguez	Organization of PJM States, Inc.	





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John Rohrbach	Wabash Valley Power Association, Inc.	Electric Distributor
- CONTROLLED	Wasaan valiey i owel 765000aton, inc.	Elouio Bistributor
Alexa Rooney	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
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Alex Rosenblatt	Duquesne Light Company	Transmission Owner
James Rouland	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Asserts D. see	DDI Florida HETTon Consulton DDI HETTon (TO)	Township O
Amanda Rumsey	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Jonathan Sasser	Customized Energy Solutions, Ltd.	None
David Scarpignato	Calpine Energy Services, L.P.	Generation Owner
August Seibel	Black Dog Insights	
Bahaa Seireg	Rockland Electric Company	Transmission Owner
Greg Solomon	Peak Power Inc	
Greg colomon	T CAR T OWOT INC	
James Sorrels	AEP Appalachian Transmission Company, Inc.	Transmission Owner
VALITOO CONTOIO	7.2. 7.ppaidoliidii Tranomoolon Oompany, mo.	Transmission Owner
Trevor Sprague	Jersey Green Energy LLC	Other Supplier
Vincent Stefanowicz	PJM Interconnection	None
Ed Stein	Ohio Edison Company	Electric Distributor





Alexander Stern Public Service Electric & Gas Company Transmission Owner	
Alexander Stern Public Service Electric & Gas Company Transmission Owner	
Alexander Stern Public Service Electric & Gas Company Transmission Owner	
Alexander Stern Public Service Electric & Gas Company Transmission Owner	
Brad Swalwell Tangent Energy Solutions, Inc. Other Supplier	
Rory Sweeney GT Power Group, LLC None	
Kristin Swenson Midcontinent Independent Sys Op, Inc. (CTS)	
Craig Taborsky Open Access Technology International, Inc. None	
Kevin Thundiyil Exelon Generation Co., LLC (NEV_XLON) Generation Owner	
Andrea Tighe CAPS	
James Tobia FirstEnergy Services	
Catherine Tyler Monitoring Analytics	
Jacqueline Walker Duke Energy Business Services LLC Transmission Owner	
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	
Madian Cas & Flastria Ca	
Megan Wisersky Madison Gas & Electric Co. Other Supplier	
Sally Witt Siemens Industry, Inc. Other Supplier	
Damon Xenopoulos Other	
Andrea Yeaton PJM Interconnection None	
Michael Yoder RTO Insider	
Kyungjin Yoo Monitoring Analytics	





Vivian Younes	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner

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