

DER and Inverter-based Resources Subcommittee

WebEx Only

February 25, 2022

9:00 a.m. – 11:00 a.m. ET

Administration (9:00 – 9:30)

1. Scott Baker, chair, opened the meeting and reviewed the agenda.
2. Chris Callaghan, secretary, reviewed the meeting participation guidelines.
 - a. There were no questions or comments on the meeting minutes for the January 14th and January 18th meetings.
 - b. Both minutes were posted under their corresponding sessions.
3. Scott Baker provided an update on PJM's Order No. 2222 compliance filing (ER22-962). No questions were asked on procedural questions about the filing.
4. Scott Baker reviewed the DIRS work plan.

Hybrid Resources – (9:30 – 9:45)

5. Andrew Levitt discussed the status of the FERC filing on solar-battery hybrids resources, and discussed how to proceed on 'phase 2' of the hybrid resources issue charge.
 - a. It was determined that phase 2 falls within scope for the DIRS

Order 2222 – (9:45 – 10:55)

6. Scott Baker led a discussion on Order 2222 / DER Aggregator Participation Model 'next steps'.
 - a. Additional working items and notes for items were added to the Order 2222 work plan.
 - b. This item will be separated out from the DIRS work plan and be reposted as a separate item.
 - c. It was requested that this item be added to the March 28th agenda.
7. Madalyn Beban summarized use case discussions thus far and solicited feedback on next steps.
 - a. It was requested to update slides to capture proper use of acronyms.
 - b. Additional use case scenarios were requested.

Wrap-up and Action items (10:55 – 11:00)

8. The facilitation team reviewed action items from the meeting and took requests for future agenda items.
 - a. Scott Baker mentioned the addition of 'DER in DR' report added to DIRS page.

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
<i>Date</i>	<i>Time</i>	<i>Location</i>	5 p.m.	4 p.m.
March 28, 2022	9:00 – 4:00	WebEx	March 18, 2022	March 23, 2022
April 29, 2022	9:00 – 4:00	WebEx	April 22, 2022	April 27, 2022
May 31, 2022	9:00 – 4:00	WebEx	May 23, 2022	May 26, 2022
June 23, 2022	9:00 – 4:00	WebEx	June 15, 2022	June 20, 2022
July 20, 2022	9:00 – 4:00	WebEx	July 12, 2022	July 15, 2022
August 30, 2022	9:00 – 4:00	WebEx	August 22, 2022	August 25, 2022
September 22, 2022	9:00 – 3:00	WebEx	September 14, 2022	September 19, 2022
October 21, 2022	9:00 – 12:00	WebEx	October 13, 2022	October 18, 2022
November 28, 2022	9:00 – 4:00	WebEx	November 18, 2022	November 23, 2022
December 15, 2022	1:00 – 4:00	WebEx	December 07, 2022	December 12, 2022

Author: Chris Callaghan

WebEx Meeting Attendance

Last Name	First Name	Company Name	Sector
Abramowitz	Jeremy	Monitoring Analytics, LLC	None
Adams	Dana	Duke Energy Ohio, Inc.	Transmission Owner
Baker	Jeff	Duke Energy Ohio, Inc.	Transmission Owner
Baker	Scott	PJM Interconnection, LLC	None
Beam	George	Talen Energy Marketing, LLC	Generation Owner
Beban	Madalyn	PJM Interconnection, LLC	None
Benckek	Jim	American Transmission Systems, Inc.	Transmission Owner
Benckek	Jim	American Transmission Systems, Inc.	Transmission Owner
Breidenbaugh	Aaron	Rodan Energy Solutions (USA) Inc.	Other Supplier
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Bryson	Michael (Mike)	PJM Interconnection, LLC	None
Buhler	Thomas	Rockland Electric Company	Transmission Owner
Callaghan	Chris	PJM Interconnection, LLC	None
Callen	Zachary (Zac)	Illinois Commerce Commission	None
Campbell	Bruce	EnergyConnect, Inc.	Other Supplier
Canter	David	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Carmean	Gregory	OPSI	None

Carroll	Rebecca	PJM Interconnection, LLC	None
Chaffin	Dave	Energy Harbor LLC	Generation Owner
Colaresi	Chandra	Cpower Energy Management	None
Conklin	Tyler	Public Utilities Commission of Ohio	None
Connell	Jason	PJM Interconnection, LLC	None
Connelly	Nancy	Duke Energy Ohio, Inc.	Transmission Owner
Corash	Richard	PSEG Energy Resources & Trade LLC	Other Supplier
Croop	Danielle	PJM Interconnection, LLC	None
Cusick	Kerinia	Center for Renewables Integration	None
D'Alessandris	Lou	FirstEnergy Corporation	Transmission Owner
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Denby	Brett	NOVEC	None
Diong	Mamadou	Dominion Virginia Power	None
Disciullo	Nicholas	PJM Interconnection, LLC	None
Dolan	Ryan	Dayton Power & Light Company (The)	Transmission Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Drom	Richard (Rick)	Eckert Seamans	None
Elkins	Rachel	FirstEnergy Corporation	Transmission Owner
Ellis	David	Public Service Electric & Gas Company	Transmission Owner
Esterly	Theresa	PJM Interconnection, LLC	None
Fabiano	Janell	PJM Interconnection, LLC	None
Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Fink	Sari	American Clean Power Association	None
Foladare	Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Frogg	Darrell	PJM Interconnection, LLC	None
Fuess	Christian	PBF Power Marketing, LLC	Generation Owner
Fuller	Peter	NRG Power Marketing, LLC	Generation Owner
Garza	Mark	Jersey Central Power & Light Company	Transmission Owner
Gates	Jill	PJM Interconnection, LLC	None
Gates	Terry	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Glatz	Suzanne (Sue)	PJM Interconnection, LLC	None
Grisolia	Albert	Public Service Electric & Gas Company	Transmission Owner

Hartman	Gary	Talen Energy Marketing, LLC	Generation Owner
Hauske	Thomas	PJM Interconnection, LLC	None
Herel	Suzanne	PJM Interconnection, LLC	None
Himmelspach	Treasa	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Hoffer	Phil	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Horning	Lynn Marie	Customized Energy Solutions, Ltd.*	None
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hughes	Steven	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hyzinski	Tom	GT Power Group	None
Hyzinski	Tom	GT Power Group	None
Ian	Santos-Meeker	Impact Power Solutions	
Jamshidian	Farhad	OSI Digital Grid Solutions	None
Johnson	Carl	Customized Energy Solutions, Ltd.*	None
Johnston	David	Indiana Utility Regulatory Commission	None
Josh	Berkow	OST Energy	
Kalle	Ibrahima	Tibiri Energies	None
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kogut	George	New York Power Authority	Other Supplier
Levitt	Andrew	PJM Interconnection, LLC	None
Mabry	David	McNees Wallace & Nurick LLC	None
Mariam	Yohannes	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Mason	Ray	ReliabilityFirst	None
McClelland	Maura	Public Utilities Commission of Ohio	None
McComb	John	PJM Interconnection, LLC	None
McDaniel	John	Baltimore Gas and Electric Company	Transmission Owner
McDewell	Christian	Commonwealth of PA	None
McInerney	Timothy	Commonwealth Edison Company	Transmission Owner
McNeil	Justin	Office of the Attorney General, Kentucky	End-Use Customer
Metz	John	University of Delaware	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner

Miller	John	Commonwealth Edison Company	Transmission Owner
Mohler	Tina	PJM Interconnection, LLC	None
Moscovitz	Daniel	PJM Interconnection, LLC	None
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Nichols	Nathaniel	Exelon Business Services Company, LLC	Transmission Owner
Nix	Emma	Gable and Associates	None
Nwosu	Nneomma	Guidehouse, Inc.	None
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Pancoast	Denis	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Parkison	Sara	University of Delaware	None
Pilong	Christopher	PJM Interconnection, LLC	None
Polka	Joseph	Duquesne Light Company	Transmission Owner
Pratt	Nicholas (Nick)	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Proconiar	Jason	Buckeye Power, Inc.	Electric Distributor
Rahimi	Farrokh	OATI Energy Trading	None
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Ranaweera	Aruna	Hecate Energy	None
Redmond	Sean	Orange & Rockland Utilities	None
Rodriguez	Tomas	OPSI	None
Rorie	Lezael	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rouland	James	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Roychowdhury	Rajarshi	Dayton Power & Light Company	Transmission Owner
Rutledge	Craig	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Schisler	Ken	Enel X North America, Inc.	Other Supplier
Schroeder	Connie	Virginia Electric & Power Company	Transmission Owner
Seirig	Bahaa	Con Edison Co. of NY	None
Smith	Mark	AEP Energy Partners, Inc.	Transmission Owner
Somerday	Michele	Energy Harbor LLC	Generation Owner
Sorrels	James	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Stefanowicz	Vincent	PJM Interconnection, LLC	None
Stein	Ed	FirstEnergy Corporation	Transmission Owner
Stern	Alexander (Alex)	Public Service Electric & Gas Company	Transmission Owner

Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Swanger	Eric	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Sweeney	Rory	GT Power Group	None
Thomas	Jack	PJM Interconnection, LLC	None
Thorn	Mike	FirstEnergy Corporation	Transmission Owner
Thundiyl	Kevin	Exelon Business Services Company, LLC	Transmission Owner
Tripathy	Prad	Guidehouse, Inc	None
Tyler	Catherine	Monitoring Analytics, LLC	None
Waight	Jim	Siemens Industry, Inc.	Other Supplier
Walker	Jacquie	Yes Energy, LLC	None
Warchol	Gerald	Dominion Energy Generation Marketing, Inc.	Generation Owner
Wehnes	Kathleen	Maryland Public Service Commission	None
Wehr	Christopher	Metropolitan Edison Company	Electric Distributor
Whitmoyer	Bernie	FirstEnergy Corporation	Transmission Owner
Willey	Amy	Delaware.gov	None
Wilson	De Andre	Maryland Public Service Commission	None
Yoder	Michael	RTO Insider	None
Yoo	Kyungjin	PJM Interconnection, LLC	None