

DER and Inverter-based Resources Subcommittee

WebEx Only

September 23, 2022

9:00 a.m. – 12:00 p.m. ET

Administration (9:00 – 9:30)

1. Ilyana Dropkin, chair, opened the meeting and reviewed the agenda.
2. Luke Zinszer, secretary, reviewed the meeting participation guidelines and minutes from the last meeting.
3. Erin Lai, PJM, provided an update on its Order 841 compliance filing regarding participation of Energy Storage Resources in markets.
4. Ilyana Dropkin, PJM, reviewed modifications to the DIRS work plan. *Stakeholders requested to discuss a strategy on what the group should work on while waiting for 2222 approval.*
5. Scott Baker, PJM, discussed plans to consolidate the DRS and DIRS into one subcommittee.

Renewable Dispatch Joint Package (9:30 – 10:00)

6. ~~Chris Wise, Dominion Energy, and Connie Schroeder, Dominion Energy, will express Dominion's concerns with Renewable Dispatch Joint Package.~~ *Agenda item cancelled by presenters as material was covered by agenda item 07.*
7. Joel Luna, IMM, and Michael Zhang, PJM, addressed Dominion's concerns for Renewable Dispatch Joint Package.

Hybrid Resources Package (10:00 – 10:30)


8. Andrew Levitt, PJM, reviewed PJM package in the Hybrids Phase II matrix. *Modifications were made to the Hybrids Phase II matrix to update status quo design component, and the updated matrix was posted on DIRS web page.*

University of Delaware (10:30 – 11:30)

9. Willett Kempton, UD, presented an electric vehicle aggregation use case for the purpose of participation in PJM markets.

Wrap-up and Action items (11:30 – 12:00)

10. 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.

Author: Luke Zinszer

WebEx Meeting Attendance

Last Name	First Name	Company	Sector
Anastasio	Elizabeth	PJM Interconnection, LLC	None
Arsalan	Qamar	Public Service Electric & Gas Company	Transmission Owner
Baizman	Aaron	PJM Interconnection, LLC	None
Baker	Scott	PJM Interconnection, LLC	None
Beban	Madalyn	PJM Interconnection, LLC	None
Benson	Dan	Duke Energy Business Services LLC	Transmission Owner
Bernabeu	Emanuel	PJM Interconnection, LLC	None
Borkoski	John	Maryland Public Service Commission	None
Breidenbaugh	Aaron	Rodan Energy Solutions (USA) Inc.	Other Supplier
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Burnham	Kat	Advanced Energy Economy (AEE)	None
Callen	Zachary (Zac)	Illinois Commerce Commission	None
Campbell	Bruce	Campbell Energy Advisors, LLC	None
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Colaresi	Chandra	Cpower Energy Management	None
Connelly	Nancy	Duke Energy Ohio, Inc.	Transmission Owner
Connelly	Nancy	Duke Energy Ohio, Inc.	Transmission Owner
Cortez	Sarai	TrailStone Energy Marketing, LLC	Other Supplier
Coyle	Billy	Dominion Virginia Power	None
Croop	Danielle	PJM Interconnection, LLC	None
Cusick	Kerinia	Center for Renewables Integration	None
D'Alessandris	Lou	FirstEnergy Corporation	Transmission Owner
D'Antonio	Phil	PJM Interconnection, LLC	None
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Davis	David	Strata Solar	None
Denby	Brett	NOVEC	None
Diong	Mamadou	Dominion Virginia Power	None
Disciullo	Nicholas	PJM Interconnection, LLC	None
Domian	Christin	Duquesne Light Company	Transmission Owner
Drom	Richard (Rick)	Eckert Seamans	None
Dropkin	Ilyana	PJM Interconnection, LLC	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Elkins	Rachel	FirstEnergy Corporation	Transmission Owner
Ellis	David	Public Service Electric & Gas Company	Transmission Owner
Esquivel	Manuel	Enel X North America, Inc.	Other Supplier
Fan	Zhenyu	PJM Interconnection, LLC	None
Felt	Justin	Baltimore Gas and Electric Company	Transmission Owner

Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Other Supplier
Finke	Ethan	Stem, Inc.	None
Foladare	Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Franks	Edmund (Ed)	PJM Interconnection, LLC	None
Frogg	Darrell	PJM Interconnection, LLC	None
Gates	Terry	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Goka	Nekabari	Exelon Business Services Company, LLC	Transmission Owner
Gunn	Garan	Public Service Electric & Gas Company	Transmission Owner
Guntle	Vince	American PowerNet Management	End-Use Customer
Hallett	Brian	FirstEnergy Corporation	Transmission Owner
Hastings	David	Market Interconnection Consulting Services (MICS)	None
Hatch	Kevin	PJM Interconnection, LLC	None
Herel	Suzanne	PJM Interconnection, LLC	None
Himmelspach	Treasa	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Hoatson	Thomas (Tom)	Riverside Generating, LLC	Generation Owner
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hughes	Steven	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Hyzinski	Tom	GT Power Group	None
Jamshidian	Farhad	OSI Digital Grid Solutions	None
Johnson	Carl	Customized Energy Solutions, Ltd.*	None
Johnston	David	Indiana Utility Regulatory Commission	None
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kempton	Willet	University of Delaware	None
Kogut	George	New York Power Authority	Other Supplier
Levitt	Andrew	PJM Interconnection, LLC	None
Luna	Joel	Monitoring Analytics, LLC	None
Lyakhovich	Leonid	Public Service Electric & Gas Company	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	None
Marzewski	Skyler	Monitoring Analytics, LLC	None
Mason	Gary	FirstEnergy Corporation	Transmission Owner
McDewell	Christian	Commonwealth of PA	None
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
Mulhern	Joseph	PJM Interconnection, LLC	None
Murali	Sreeram	Stem, Inc.	None

Murphy	Shaun	Urban Grid Solar Projects, LLC	Other Supplier
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Nichols	Nathaniel	Exelon Business Services Company, LLC	Transmission Owner
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Patel	Anita	PJM Interconnection, LLC	None
Pilong	Christopher	PJM Interconnection, LLC	None
Procutiar	Jason	Buckeye Power, Inc.	Electric Distributor
Pungaliya	Rajat	Pine Gate Mid-Atlantic, LLC	Other Supplier
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Ramsay	Eli	PJM Interconnection, LLC	None
Roychowdhury	Rajarshi	Dayton Power & Light Company	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Scheidecker	Paul	PJM Interconnection, LLC	None
Schisler	Ken	Enel X North America, Inc.	Other Supplier
Schmitt	David	New Jersey Board of Public Utilities	None
Schroeder	Connie	Virginia Electric & Power Company	Transmission Owner
Schweizer	David	PJM Interconnection, LLC	None
Seres	Daniel	Palm Energy LLC	Other Supplier
Shah	Vijay	PJM Interconnection, LLC	None
Somerday	Michele	Energy Harbor LLC	Generation Owner
Sorrels	James	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Stefanowicz	Vincent	PJM Interconnection, LLC	None
Stein	Edward	Pennsylvania Electric Company	Electric Distributor
Stemetzki	Michael	PJM Interconnection, LLC	None
Strella	Lauren	PJM Interconnection, LLC	None
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Swagata	Sengupta	Public Service Electric & Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group	None
Szot	Lisa	Szot Energy Services, LLC	None
Thorn	Mike	FirstEnergy Corporation	Transmission Owner
Tyler	Catherine	Monitoring Analytics, LLC	None
Vitiello	Jacqueline	Dominion Energy Generation Marketing, Inc.	Generation Owner
Warchol	Gerald	Dominion Energy Generation Marketing, Inc.	Generation Owner
Wehnes	Kathleen	Maryland Public Service Commission	None
Wehr	Christopher	Metropolitan Edison Company	Electric Distributor
Wise	Christopher	Dominion Energy Generation Marketing, Inc.	Generation Owner
Yoo	Kyungjin	PJM Interconnection, LLC	None
Young	Brandon	Public Service Electric & Gas Company	Transmission Owner
Zhang	Michael (Mike)	PJM Interconnection, LLC	None



Minutes

Zinszer	Luke	PJM Interconnection, LLC	None
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