

## Interconnection Process Workshops – Workshop 4

WebEx

March 5, 2021

9:00 a.m. – 4:00 p.m. ET

### Administration

1. Jen Tribulski, PJM, called the meeting to order. Ed Kovler, PJM, reviewed the Antitrust, Code of Conduct.

Ed Kovler reviewed the March 5, 2021 Interconnection Process Workshop 3 Agenda. No changes to the agenda were requested.

2. Ken Seiler provided opening remarks for Workshop 4.

### Draft Poll Discussion

3. Jen Tribulski and Ed Kovler reviewed the poll results.

### Presentations

4. Susan McGill and Jason Connell discussed the draft problem statement and issue charge.

Last Name	First Name	Company Name	Sector
Lugo	Amanda	1st Light Energy Inc.	
Abed	Abbas	Abed Consulting, LLC	
GONZALEZ MIGUELEZ	RODRIGO	Acciona Energy North America Corporation	Generation Owner
Marcotte	Rebecca	Acciona Energy North America Corporation	Generation Owner
Valentin Botija	Sergio	Acciona Energy North America Corporation	
Hasan	Prusha	Advanced Energy Economy	
Berton	Tyler	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Edumala	Pavani	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Achaab	Edward	AEP Ohio Transmission Company, Inc.	
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Lieberman	Steven	American Municipal Power, Inc.	Electric Distributor
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
Tatum	Edward	American Municipal Power, Inc.	Electric Distributor
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Bainbridge	Thomas	American Transmission Systems, Inc.	Transmission Owner
D'Alessandris	Louis	American Transmission Systems, Inc.	Transmission Owner

Elkins	Rachel	American Transmission Systems, Inc.	Transmission Owner
Fuerst	Gary	American Transmission Systems, Inc.	Transmission Owner
Salem	Jay	American Transmission Systems, Inc.	Transmission Owner
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Fink	Sari	American Wind Energy Association	
Seide	Richard	Apex Clean Energy	
Canter	David	Appalachian Power Company (AEP Generation)	Transmission Owner
Burbure	Stacey	Appalachian Power Company (AEP Transmission)	Transmission Owner
Koehler	Nicolas	Appalachian Power Company (AEP Transmission)	Transmission Owner
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Chandra	Arunika	Arevon Asset Management	
Malladi	Brindavani	Arevon Energy Management	
Glenn	David	Avangrid Renewables, LLC	Generation Owner
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Shields	Tom	Avangrid Renewables, LLC	Generation Owner
Scott	Hugh	Baltimore Gas and Electric Company (TO)	Transmission Owner
Yeh	Eric	Baltimore Gas and Electric Company (TO)	Transmission Owner
Ray	Bhaskar	BayWa	
Casey	Dylan	Beaufort Rosemary LLC	
DUNN	Kevin	Black & Veatch	
Scott	Alicia	BQ Energy	
White	Brett	Brett White	
Landa	Bulmaro	Broad Mountain Power LLC	
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Hunter	Benjamin	BSHunter	
Schmidt	Thomas	Buckeye Power, Inc.	Electric Distributor
Adnan	Khan	Burns & McDonnell	
Hodgdon	Scott	Burns and McDonnell	
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Suh	Jung	Calpine Energy Solutions, LLC	Other Supplier
Cala	Gabriela	Candela Renewables	
Tighe	Andrea	CAPS	
Huntoon	Stephen	Chesapeake Transmission LLC	Other Supplier
Santiago	Jose	Clenera, LLC	
Allen	William	Commonwealth Edison Company	
Eakins	Douglas	Commonwealth Edison Company	Transmission Owner
Regner	Ronald	Commonwealth Edison Company	Transmission Owner
Taylor	Robert	Commonwealth Edison Company	Transmission Owner

Azzolini	Mallorie	Con Edison Transmission Inc.	
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Chen	Jingjia	consultant	
Falase	Simi	Convergent Energy and Power LP	Other Supplier
Litchfield	Matthew	CPV Power Holdings, LP	Generation Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Horning	Lynn Marie	Customized Energy Solutions, Ltd.	None
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Roychowdhury	Rajarshi	Dayton Power & Light Company (Default)	Transmission Owner
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Dolan	Ryan	Dayton Power & Light Company (The) (EDC)	Transmission Owner
Price	Ruth	Delaware Division of the Public Advocate	
Willey	Amy	Delaware Public Service Commission	
Knotts	Pamela	Delaware Public Service Commission Staff	
Garbini	Marjorie	Delmarva Power & Light Company	Electric Distributor
Cogan	Christopher	Dendrite Consulting	
Serota	Nathan	DESRI	
Fuess	Christian	Diamond State Generation Partners, LLC	
Fleisher	Madeline	Dickinson Wright PLLC	
Ksiazek	Paul	Diode Ventures LLC (Heritage Trail Solar LLC)	
Davis	James	Dominion Energy Generation Marketing, Inc.	Generation Owner
Currier ES	Jeff	Dominion Virginia Power	Transmission Owner
Hudson ES	Wesley	Dominion Virginia Power	Transmission Owner
Kou	Gefei	Dominion Virginia Power	Transmission Owner
Lawson	Ryen	Dominion Virginia Power	Transmission Owner
LOWE	CONNIE	Dominion Virginia Power	Transmission Owner
Petti	Joseph	Dominion Virginia Power	Transmission Owner
Thomas	Kyle	Dominion Virginia Power	Transmission Owner
Trivette	Joel	Dominion Virginia Power	Transmission Owner
Yochelson	Cheri	Dominion Virginia Power	Transmission Owner
Fabian	Natalie	Duke Energy Business Services LLC	Transmission Owner
Jett	William	Duke Energy Business Services LLC	Transmission Owner
Steinkuhl	Steve	Duke Energy Business Services LLC	Transmission Owner
Benson	Dan	Duke Energy Indiana, LLC	
Mok	Alan	Duke Energy Kentucky, Inc.	Transmission Owner
Garnett	Bryan	Duke Energy Ohio, Inc.	Transmission Owner
mason	julie	Duke Energy Ohio, Inc.	Transmission Owner
Domian	Christin	Duquesne Light Company	Transmission Owner

Pilch	Joseph	Duquesne Light Company	Transmission Owner
Wicks	Tonja	Duquesne Light Company	Transmission Owner
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Bliss	Will	East Light Partners	
Gupta	Rishabh	Ecoplexus, Inc.	
Sotkiewicz	Paul	E-Cubed Policy Associates	
Seide	Richard	EDFR	
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Contino	Jarett	EDP Renewables North America LLC	Generation Owner
HOWIE	JONATHAN	EnBW North America	
Walch	Ian	Enchanted Rock, LLC	
Mehta	Gaurav	Enel Trading North America, LLC	Other Supplier
Vander Vorst	Aaron	Enel Trading North America, LLC	Other Supplier
Kauffman	Brian	Enel X North America, Inc.	Other Supplier
Beeravalli	Ravi	Energy Storage Resources, LLC	
Mueller	David	EnerNex	
Shukla	Tanmay	Environmental Law and Policy Center	
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Bhana	Rajesh	Exelon Business Services Company, LLC	Transmission Owner
Carrado	Regina	Exelon Business Services Company, LLC	Transmission Owner
Leeming	Thomas	Exelon Business Services Company, LLC	Transmission Owner
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Sun	Haibin	Exelon Business Services Company, LLC	Transmission Owner
THOMAS	AMBER	Exelon Business Services Company, LLC	Transmission Owner
Parnandi	Silpa	Exelon Generation Co., LLC (NEV_XLON)	Generation Owner
Thundiylil	Kevin	Exelon Generation Co., LLC (NEV_XLON)	Generation Owner
Ahmad	Syed	Federal Energy Regulatory Commission	
martin	Valerie	Federal Energy Regulatory Commission	
DiNicola	Laura	firstenergy	
Benckek	Jim	FirstEnergy Corporation	
Malcolm	Kimberly	FirstEnergy Corporation	
Foladare	Kenneth	Geenex Solar LLC	Generation Owner
Williams	Lesley	Geenex Solar LLC	Generation Owner
Grant	Andrew	Geronimo Energy	
Fidler	Danielle	Giordano, Halleran & Ciesla, PC	
Baur	Sean	GlidePath Development LLC	
Fareedi	Ayesha	Grid SME	
Natti	Satish	GridIntel, Inc.	

Plummer	Angela	GridSME	
Whitehead	Jeffrey	GT Power Group	
Sweeney	Rory	GT Power Group, LLC	None
Hyzinski	Tom	gtpgghyzinsk	
Pandya	Nirmal	Hodson GreenDefined Energy	
Gibbs	Ike	ibvenergy partners llc	
Clausen	Torsten	ICC	
Budd	Ike	Idemitsu Renewables	
Callen	Zachary	Illinois Commerce Commission	
Iler	Arthur	Indiana Office of Utility Consumer Counselor	
Gahimer	Michael	Indiana Office of Utility Consumer Counselor (IN OUCC)	
Unel	Burcin	Institute for Policy Integrity at NYU School of Law	
Stupar	Rob	Invenergy Energy Management LLC	Generation Owner
B	Brandon	IURC	
Nix	Emma	Jersey Green Energy LLC	Other Supplier
liu	jenny	Jupiterpower	
Pandey	Prakash	K&A Engineering Consulting	
Douglas	Alan	KSUN, LLC	
Rohs	Fred	Landco	
Sharpe	Ian	Leeward Asset Management, LLC	
Ausmus	Jason	Lightsource Renewable Energy Development, LLC	
Wisersky	Megan	Madison Gas & Electric Co.	Other Supplier
Wehnes	Kathleen	Maryland Department of the Environment	
Wilson	De Andre	Maryland Public Service Commission	
Mabry	David	McNees Wallace & Nurick LLC	
Borkoski	John	MD Public Service Commission	
Kliewer	Samuel	Meridian Renewable Energy	
Boyle	Stephen	Merion Energy Solutions	
Hanser	Erik	Michigan Public Service Commission	
Bhatt	Viraj	Minonk Solar LLC	
Mazari	Shukul	Mitsubishi Electric POWER Products	
Bowring	Joe	Monitoring Analytics	
Dadourian	John	Monitoring Analytics	
OConnor	Michael	MSolar Industries	
Konidena	Rao	n/a	
Rajagopalan	Pavithra	NA	
Howe	Cullen	Natural Resources Defense Council	
DeLosa	Joseph	New Jersey Board of Public Utilities	

Kogut	George	New York Power Authority	Other Supplier
Kosturik	David	Nexamp	
Milla	Rigoberto	NextEra Energy Marketing, LLC	
Vallejo	Patricia	NextEra Energy Marketing, LLC	
Hollis	Gabriel	NextEra Energy Transmission, LLC	Other Supplier
Milla	Rigoberto	NextEra Energy Transmission, LLC	
Keegan	Jack	None	
Matheson	Eric	Non-member	
Holdbrook	Ruth	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Rainey	John	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Ainspan	Malcolm	NRG Curtailment Solutions, Inc.	Other Supplier
Jardot	Gina	NRG Curtailment Solutions, Inc.	Other Supplier
Heinle	Frederick	Office of the Peoples Counsel	
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Pezalla	William	Old Dominion Electric Cooperative	Electric Distributor
Echeverri	Julian	Opdenergy	
Carmean	Gregory	Organization of PJM States, Inc.	
Rodriguez	Tomas	Organization of PJM States, Inc.	
Knodel	Brook	Orsted Ocean Wind LLC	
Gebolys	Debbie	Other	
Johnston	David	Other	
LopezLopez	Anthony	Other	
Sinclair	David	Other	
Smith	Stephen	OTHER	
Theodore	Sharon	Other	
Xenopoulos	Damon	Other	
Joshi	Karan	Pattern Development	
Jha	Monica	PCI	
Bonanni	John	Pearl Street Technologies	
Shah	Pulin	PECO Energy Company	Transmission Owner
Parker	Amanda	Pennsylvania Electric Company	Electric Distributor
Grieve	Andrew	Personal	
Mattson	Lisa	Pivot Energy	
Haque	Asim	PJM	
Borgatti	Michael	PJM Committee Voting Generic Account	
Hastings	David	PJM Committee Voting Generic Account	
Poulos	Greg	PJM Committee Voting Generic Account	
Baker	Jeff	PJM Connect	

Catanase	Horea	PJM Connect	
Downs	Jere	PJM Connect	
Anders	David	PJM Interconnection	None
Berner	Aaron	PJM Interconnection	None
Bernstein	Matthew	PJM Interconnection	None
Burdis	Tim	PJM Interconnection	None
Butner	Matt	PJM Interconnection	
Chen	Yang	PJM Interconnection	None
Chmielewski	Brian	PJM Interconnection	None
Connell	Jason	PJM Interconnection	None
Croop	Danielle	PJM Interconnection	None
Davis	Elizabeth	PJM Interconnection	None
Dumitriu	Nicolae	PJM Interconnection	None
Fernandes	Anisha	PJM Interconnection	None
Franks	Christine	PJM Interconnection	None
Gates	Jill	PJM Interconnection	
Genuario	Gabrielle	PJM Interconnection	None
Glatz	Suzanne	PJM Interconnection	
Glazer	Craig	PJM Interconnection	None
Glennon	James	PJM Interconnection	None
Greening	Michele	PJM Interconnection	None
Herel	Suzanne	PJM Interconnection	None
Herman	Michael	PJM Interconnection	None
Hugee	Jacquelynn	PJM Interconnection	None
Janapareddy	Anupama	PJM Interconnection	None
Jayachandran	Marilyn	PJM Interconnection	None
Keshavamurthy	Bhavana	PJM Interconnection	None
Kovler	Ed	PJM Interconnection	None
LaRocque	Matthew	PJM Interconnection	None
Lee	Lori Murphy	PJM Interconnection	None
McGill	Susan	PJM Interconnection	None
Muhl	Nancy	PJM Interconnection	None
Murphy	Shaun	PJM Interconnection	None
Niu	Hui	PJM Interconnection	None
Quevada	Jason	PJM Interconnection	None
Schuyler	Ken	PJM Interconnection	None
Seiler	Kenneth	PJM Interconnection	None
Shoemaker	Jason	PJM Interconnection	None
Sims	Mark	PJM Interconnection	None
Singh	Harliv	PJM Interconnection	None

Tribulski	Jennifer	PJM Interconnection	None
Van Ness	Zachery	PJM Interconnection	None
Widom	Stuart	PJM Interconnection	None
Wolfe	Art	PJM Interconnection	None
Bryson	Michael	PJM Internal	
Gass	Scott	PowerGEM	
Ali	Shadab	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Cintron Cuevas	Rafael	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Feller	John	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Pratt	Nicholas	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Richards Jr	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Rooney	Alexa	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Rumsey	Amanda	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Szmodis	Christopher	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Wilches	Rafael	PSEG Energy Resources and Trade LLC	Other Supplier
Adams	Michael	Public Service Electric & Gas Company	Transmission Owner
Circelli	Roseanne	Public Service Electric & Gas Company	
DeAngelis	Cameron	Public Service Electric & Gas Company	Transmission Owner
Hutt	Daniel	Public Service Electric & Gas Company	Transmission Owner
Lyakhovich	Leonid	Public Service Electric & Gas Company	Transmission Owner
Samb	Massamba	Public Service Electric & Gas Company	Transmission Owner
Sengupta	Swagata	Public Service Electric & Gas Company	Transmission Owner
Stern	Alexander	Public Service Electric & Gas Company	Transmission Owner
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Young	Brandon	Public Service Electric & Gas Company	Transmission Owner
zahidi	mohamed	Public Service Electric & Gas Company	Transmission Owner
jones	kim	Public Staff - North Carolina Utilities Commission	End-Use Customer
Christopher	Mahila	Public Utilities Commission of Ohio	
Chao	Henry	Quanta Technology	
Halim	Rafik	Rafik-Geronimo	
Boyd	Jesse	RES America Developments, Inc.	Generation Owner
King	Blake	RES America Developments, Inc.	
Islam	Lubaba	Rockland Electric Company	Transmission Owner
Mangonon	Roleto	Rockland Electric Company	Transmission Owner
Chocarro Aguirrebengoa	Iker	RWE Renewables Americas, LLC	Generation Owner

Mekala	Karthik	RWE Renewables Americas, LLC	
Allen	Alicia	Sargent & Lundy	
Luo	Cheng	Sargent & Lundy	
Cham	Edrissa	Savion, LLC	
Okenfuss	James	Savion, LLC	
szot	lisa	SES, LLC	
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Kelly	Brendan	Smart Wires Inc.	
Wray	Gizelle	Solar Energy Industries Association (SEIA)	
Tejblum	Ben	sPower Development Company, LLC	
Thunell	Stephan	SPT Engineering	
Kozhuharov	Dimitar	State Commissions	
Steckley	Paul	Steckley Power Systems LLC	
Davis	David	Strata Solar	
Gajda	John	Strata Solar	
Stoner	Becca	Sun Tribe Development LLC	Generation Owner
Price	Robert	Sunenergy1	
Covino	Susan	Susan Covino	
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Kalle	Issiaga	Tibiri Energy Group, llc	
Singer	Chad	Trane Grid Services LLC	Other Supplier
Worcester	Alex	Transmission Analytics Consulting LLC	
DeGiusto Jr.	Vincent	UGI Utilities, Inc.	Transmission Owner
McMann	Oneida	UKA North America	
Jacobs	Mike	Union of Concerned Scientists	
Parkison	Sara	University of Delaware	
Hudson	Jeff	Urban Grid Solar Projects, LLC	
Jones	Tania	Virginia Electric & Power Company	Transmission Owner
Joshipura	Neil	Virginia State Corporation Commission	
Soos	Jessica	Vistra Corp.	
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Watkins	Alex	Weldon Cooper Center	
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner