

Interconnection Process Subcommittee
PJM Conference and Training Center
February 9, 2024
9:00 a.m. – 12:00 p.m. EPT

Administration (9:00-9:10)

1. Ed Kovler, PJM, provided welcome and announcements. Rebecca Gerber, PJM, reviewed Antitrust, Code of Conduct, and Public Meeting/Media Participation Guidelines.
2. Rebecca Gerber, PJM, reviewed the minutes from the last meeting.

CIR Transfer Efficiency CBIR Process (09:10-12:00)

3. Ed Franks, PJM, provided an overview of the definition of the scope of POI in the issue charge
4. Ed Kovler, PJM, led the CBIR process while focusing on identifying and reviewing interests, design components and solution options.

Future Agenda Items

Participants will have the opportunity to suggest future agenda items.

Future Meeting Dates and Materials			Materials Due to Secretary	Materials Published
Date	Time	Location	5:00 p.m. EPT deadline*	
February 9, 2024	9:00 a.m. – 12:00 p.m.	Webex	February 1, 2024	February 6, 2024
February 23, 2024	1:00 p.m. – 4:00 p.m.	Webex	February 14, 2024	February 20, 2024
March 22, 2024	9:00 a.m. – 12:00 p.m.	Webex	March 14, 2024	March 19, 2024
April 22, 2024	9:00 a.m. – 12:00 p.m.	Webex	April 12, 2024	April 17, 2024
May 29, 2024	9:00 a.m. – 12:00 p.m.	Webex	May 21, 2024	May 24, 2024

*Materials received after 12:00 p.m. EPT are not guaranteed timely posting by 5:00 p.m. EPT on the same day.

WebEx Meeting Registered Attendance

Last Name	First Name	Company Name	Sector
Abdur-Rahman	Muhsin	Dynegy Marketing & Trade, LLC (DECAM)	Generation Owner
Abedinzadeh	Shohreh	Entrust Solutions Group	
Ackerman	Andrea	CAPS	
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner

Akeyo	S	Fowler Ridge IV Wind Farm LLC	Generation Owner
Al-Eryani	Sameh	EPE Consulting	
Amoling	Leo	PJM Interconnection	
Anders	David	PJM Interconnection	None
Arega	Robel	GlidePath Development LLC	
Arega	Robel	Plus Power LLC	
Arkatin	Tyler	PJM Interconnection	
Aurely	Marc	EN Engineering LLC	
Awasthi	Shekhar	PJM Interconnection	
Azim	Riyasat	Enel Green Power Hilltopper Wind, LLC	Generation Owner
Bainbridge	Thomas	American Transmission Systems, Inc.	Transmission Owner
Baldwin	Walt	Lydian Technologies	
Barker	Jason	Vitol Inc.	Generation Owner
Barry	Mark	Long Ridge Energy Generation LLC	Generation Owner
Bavaro	Benjamin	Sargent and Lundy	
Bennett	Stephen	PJM Interconnection	None
Benson	Dan	Duke Energy Indiana, LLC	
Berger	Jessica	GlidePath Development LLC	
Berner	Aaron	PJM Interconnection	None
Bernstein	Matthew	PJM Interconnection	None
Blackwell	Michael	Husch Blackwell	
Blanco	Fernando	Ampyr Energy USA	
Bommareddy	Chandana	Innergex Renewable USA LLC	Generation Owner
Bowring	Joe	Monitoring Analytics	
Boyd	Jamie	NJR Clean Energy Ventures Corporation	Generation Owner
Brahman	Azade	Orsted Onshore North America, LLC	Generation Owner
Brandt	Andreas	PJM Connect	
Brecke	Tracy	MEPPI	

Brier	Austin	Urban Grid Solar Projects, LLC	Other Supplier
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Bryson	Michael	PJM Internal	
Callen	Zachary	Illinois Commerce Commission	
Camargo	Alejandro	RES America Developments, Inc.	Generation Owner
Capparelli	David	Dakota Power Partners	
Castellano	Meghan	ConnectGen LLC	
Cham	Edrissa	Savion, LLC	
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Christopher	Mahila	Public Utilities Commission of Ohio	
Clifford	Kyle	PJM Interconnection	None
Clingan	Kristin	Public Utilities Commission of Ohio (The)	
Connell	Jason	PJM Interconnection	None
Contino	Jarett	Corio Generation	
Corash	Richard	PSEG Energy Resources and Trade LLC	Other Supplier
Cox	Jason	EQ Energy Advisors, LLC	
Croop	Danielle	PJM Interconnection	None
Dadourian	John	Monitoring Analytics	
Dantzler	Michael	Ranger Power	
Daugherty-Bell	Derrick	BW Solar	
Davies	Steve	Indiana Utility Regulatory Commission	
Davis	David	Apex Clean Energy Holdings, LLC	
Davis	Landen	Strata Clean Energy	
DeAngelis	Tom	East Point Energy	
DeGiusto Jr.	Vincent	UGI Utilities, Inc.	Transmission Owner
Del Olmo	Rizki	PJM Interconnection	
deLisser	Gerard	GD Solar, LLC	
Denby	Brett	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Denton	Jackson	Birch Creek	

Doering	Anthony	MN8 Energy Operating Company LLC	
Domian	Christin	Duquesne Light Company	Transmission Owner
Dossin	Sophia	Big Sandy Peaker Plant, LLC	Generation Owner
Drom	Rick	Rick Drom	
Du	Yuan	Virginia Electric & Power Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Edumala	Pavani	lightsource bp	
Eedupuganti	Subbarao	PJM Interconnection	
Elie	Christopher	Duke Energy Ohio, Inc. (EDC)	Transmission Owner
ESBER	KENNETH	CEP Renewables	
Esquivel	Manuel	Enel Trading North America, LLC	Other Supplier
Everngam	Scott	Blue Horseshoe Energy LLC	
Faisal	Akm	PJM Interconnection	
Fall	Maguette	EDF Renewable Development, Inc.	
Farrar	Zachary	Great Bay Renewables	
Fernandes	Anisha	PJM Interconnection	None
Feyz-Mohammadi	Leila	PJM Interconnection	
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Generation Owner
Fink	Sari	MAREC Action	
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner
Ford	Nicholas	Hexagon Energy, LLC	
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Franks	Christine	PJM Interconnection	None
Franks	Edmund	PJM Interconnection	None
Freberg	Trevor	PNE USA	
Fuerst	Gary	American Transmission Systems, Inc.	Transmission Owner

Fuller	Peter	Autumn Lane Energy Consulting LLC	
Fultz	McClain	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Gates	Jill	PJM Interconnection	
Gerber	Rebecca	PJM Interconnection	
Gerena	Eric	Metropolitan Edison Company	Electric Distributor
ghayas	awais	PJM Interconnection	
Ghosh	Abhishek	Cypress Creek Renewables, LLC	Generation Owner
Gilani	Rehan	RWE CLEAN ENERGY WHOLESALE SERVICES, INC.	Other Supplier
Glazer	Grant	MN8 Energy Operating Company LLC	
Glynn	Michael	Acciona Energy North America Corporation	Generation Owner
Gonzalez Carranza	Mario	Electric Power Engineers (EPE)	
Gordon	Jonathan	Advanced Energy Economy	
Gorman	Bradley	American Transmission Systems, Inc.	Transmission Owner
Graham	Katherine	PJM Interconnection	
Green	Chris	Tri Global Energy	
Greene	Benjamin	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Greening	Michele	PJM Interconnection	None
Grieve	Andrew	Jupiter Power	
Grobbelaar	Willem	Urban Grid Solar Projects, LLC	Other Supplier
Gunn	Garan	Public Service Electric and Gas Company	Transmission Owner
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Gupta	Rishabh	Ecoplexus, Inc.	
Hall	Mary	PJM Interconnection	
Hallett	Brian	ReliabilityFirst	
Harathi	Yashaswin	IMG Midstream LLC	Generation Owner
Hari	Sriharsha	Tenaska Power Services Co.	Generation Owner

Harris	Kevin	Exelon Business Services Company, LLC	Transmission Owner
Hart	Ron	Dominion Virginia Power	Transmission Owner
Hathcock	Jason	Galt Power, Inc. (Albemarle Beach Solar)	Other Supplier
Heinle	Frederick	Dynegy Marketing and Trade, LLC	Generation Owner
Heisey	Bradley	Tenaska Pennsylvania Partners, LLC	Generation Owner
Herel	Suzanne	PJM Interconnection	None
Herman	Michael	PJM Interconnection	None
Hevey	Andrew	PJM Interconnection	
Hill	Nicholas	American Transmission Systems, Inc.	Transmission Owner
Hitt	Jason	Duquesne Light Company	Transmission Owner
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Hope	Eric	Leeward Asset Management, LLC	Generation Owner
Horning	Lynn Marie	American Municipal Power, Inc.	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hoshmand	Mojtaba	PJM Interconnection	
Hudis	Gabriella	Ohio River Partners Shareholder LLC	
Huff	Dustin	EDP Renewables North America LLC	Generation Owner
Hugee	Jacquelynn	Dominion Virginia Power	Transmission Owner
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Huntoon	Stephen	Chesapeake Transmission LLC	Other Supplier
Hurd	Shawn	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Hyzinski	Tom	GT Power Group, LLC	None

Isaac	Carlos	Exelon Business Services Company, LLC	Transmission Owner
Jadue	Anna	Pennsylvania Electric Company	Electric Distributor
Janapareddy	Anupama	Green River Holdings, LLC	Generation Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jardot	Gina	NRG Curtailment Solutions, Inc.	Other Supplier
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnson	Jessica	Timmons Group	
Johnson	Michael	Oriden LLC	
Johnston	David	Other	
Jonas	Dane	Dominion Virginia Power	Transmission Owner
Karandrikas	Vasiliki	PJM Interconnection	
Karki	Mahesh	Savion, LLC	
KARMAKAR	ABHIJEET	EE PLUS	
Kauffman	Brian	Mainspring Energy	
Kelley	Liam	Recurrent Energy, LLC	Other Supplier
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Khodaparastan	mahdiyeh	TotalEnergies	
Kinard	Kellen	Savion, LLC	
Kinney	Josh	Hexagon Energy, LLC	
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Kogut	George	New York Power Authority	Other Supplier
Kopzhanov	Talgat	Big Sandy Peaker Plant, LLC	Generation Owner
Kou	Derek	EDP Renewables North America LLC	Generation Owner
Kovler	Ed	PJM Interconnection	None
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lambert	Andrew	PJM Interconnection	
Lang-Ree	Claire	NRDC	

Lawson	Ryen	Dominion Virginia Power	Transmission Owner
Lawton	Alex	Advanced Energy United	
Leach	Scott	Torch Clean Energy	
Lescano	Amanda	New Jersey Board of Public Utilities	
Liang-Nicol	Cecilia	Allegheny Power (MonPwr Gen)	
Lieberman	Steven	American Municipal Power, Inc.	Electric Distributor
Lin	Chenxi	Jacobs Engineering	
Lojek	Jacquelyn	American Transmission Systems, Inc.	Transmission Owner
Lopez	Annie	East Point Energy	
Louwahi	Soufiane	Electric Power Engineers	
Lucy	Zachary	Performance Point	
Lyakhovich	Leonid	Public Service Electric and Gas Company	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	
Mandizha	Jence	PJM Interconnection	
Mangonon	Roletto	Rockland Electric Company	Transmission Owner
Marker	Jerod	Ohio Power Company	Transmission Owner
Martes Roman	Eliasjavier	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Martin	Brandon	Dominion Virginia Power	Transmission Owner
mason	julie	Duke Energy Ohio, Inc.	Transmission Owner
Matheson	Eric	Non-member	
Mattson	Lisa	Avangrid Renewables, LLC	Generation Owner
Maucher	Andrea	Delaware Division of the Public Advocate	
McCabe	Brian	NRG Business Marketing LLC (NRGPM)	Other Supplier
McClelland	Maura	Public Utilities Commission of Ohio	
McClure	Emily	Illinois Commerce Commission	
McDewell	Christian	Pennsylvania Public Utility Commission	
McGill	Susan	PJM Interconnection	None
McGlynn	Paul	PJM Interconnection	None
McGuckin	Mick	Direct Connect Development Co LLC	
McNeil	Justin	Kentucky Public Service Commission	

McNicholas	Daniel	Nautilus Power, LLC	Generation Owner
Medina	Jorge	OPDEnergy	
Mekala	Karthik	RWE Clean Energy, LLC	Generation Owner
Mihaly	Imola	Nautilus Power, LLC	Generation Owner
Miller	Jason	PJM Interconnection	
Mok	Alan	Duke Energy Kentucky, Inc.	Transmission Owner
Moore	Paula	PJM Interconnection	
Muhl	Nancy	PJM Interconnection	None
Murphy	Shaun	Urban Grid Solar Projects, LLC	Other Supplier
Nagulapally	Venkat	Dynegy Power Marketing, LLC	Generation Owner
Nandy	Shirsha	Hecate Energy LLC	
Neal	Steven	PJM Interconnection	
Nedwick	Peter	Virginia Electric & Power Company	Transmission Owner
Neha	Farah	Advantage Capital	
Nelson	Steven	Burns & McDonnell	
Ngan	Lok	PJM Interconnection	
Nitchie	Laura	PJM Interconnection	None
Nix	Emma	Leeward Asset Management, LLC	Generation Owner
Noel Jeune	Reynaldo	Orsted Onshore North America, LLC	Generation Owner
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Osorio Garcia	David	Dominion Virginia Power	Transmission Owner
Oyekanmi	Waheed	TotalEnergies Renewables	
Pai	Medha	PJM Interconnection	
Panegal	Ash	Plus Power	
Parikh	Lopa	Orsted Onshore North America, LLC	Generation Owner
Patel	Harshil	PJM Interconnection	
Patel	Riken	American Transmission Systems, Inc.	Transmission Owner
Peters	Ignatius	Burns and McDonnell	

Pham	Bao	Lincoln Generating Facility, LLC	Generation Owner
Pimentel	Nadia	KCI Technologies, Inc.	
Polymeros	William	ReneSola Power Holdings, LLC	
Poulos	Greg	PJM Committee Voting Generic Account	
Price	Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Price	Robert	Ampliform Generation LLC	
Price	Ruth	Delaware Division of the Public Advocate	
Ptak	Anton	EDF Renewable Development, Inc.	
Rainey	John	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Rajasekeran	Sangeetha	Nira Energy	
Raley	Chad	Bath County Energy, LLC	Generation Owner
Redding	Andrew	Heelstone Renewable Energy	
Rettig	Kacie	Rockland Electric Company	Transmission Owner
Richards	Wade	Apex Clean Energy Holdings, LLC	
Richards Jr	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Roberts	Casey	Other	
Rohankar	Ajinkya	Camden Solar LLC	Generation Owner
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Rutigliano	Tom	Natural Resources Defense Council	
Samb	Massamba	BrightNight	
Santos	Antonio	EDF Renewable Development, Inc.	
Sarussi	Itamar	Energix US, LLC	
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scarp	David	Calpine Energy Services, L.P.	Generation Owner
Scheirer	Alexandra	PJM Interconnection	None
Scherer	Paul	Exelon Business Services Company, LLC	Transmission Owner
Schwer	Craig	Catalyst Energy Partners, Inc.	
Seeley	Dylan	PJM Interconnection	
Seide	Richard	Grid Strategies LLC	

Selick	Sam	Customized Energy Solutions, Ltd.	None
Senanayake	Sam	Pine Gate Mid-Atlantic, LLC	Generation Owner
Sengupta	Swagata	Public Service Electric and Gas Company	Transmission Owner
Session	Maida	Duke Energy Ohio, Inc. (EDC)	Transmission Owner
Shah	Pulin	PECO Energy Company	Transmission Owner
Shields	Jeffrey	PJM Interconnection	
Shields	Tom	Diamond Offshore Wind, LLC	
Sikora	Cliff	Lincoln Generating Facility, LLC	Generation Owner
Singh	Harliv	Invenergy, LLC	Generation Owner
Sinnott	Myra	Delorean Power LLC	None
Sloan	Ben	Organization of PJM States, Inc.	
Smolanitsky	Yuri	Arevon Energy LLC	
Sparks	Bridget	sPower Development Company, LLC	
Statler	Ada	Earthjustice	
Steely	Aaron	Cypress Creek Renewables, LLC	Generation Owner
Steichen	Renaë	Bath County Energy, LLC	Generation Owner
Steinkuhl	Steve	Duke Energy Business Services LLC	Transmission Owner
Stephenson	Josh	PJM Interconnection	
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Stoll	Aaron	Grid United	
Stolz	Chris	Pine Gate Mid-Atlantic, LLC	Generation Owner
Storino	Laura	NJ Board of Public Utilities	
Street	Jason	sPower Energy Marketing, LLC	Generation Owner
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner

Sun	Haibin	Exelon Business Services Company, LLC	Transmission Owner
Sunderman	Derek	Savion, LLC	
Svenson	Heather	Public Service Electric and Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Swern	Stephen	Sol Systems, LLC	
Szot	Lisa	Geenex Solar LLC	Other Supplier
Tekle	Zelalem	Bath County Energy, LLC	Generation Owner
Thekkekara	Justin	PowerTransitions	
THOMAS	AMBER	Exelon Business Services Company, LLC	Transmission Owner
Thomas	Henry	PJM Interconnection	None
Thompson	Jonathan	PJM Interconnection	None
Tichich	Nicholas	Citizens Energy Corporation	
Tiwari	Megha	PJM Interconnection	
Tiwari	Purushottam	Hodson Energy	
Uddin	Shahab	Old Dominion Electric Cooperative	Electric Distributor
Vallejo	Patricia	NextEra Energy Marketing, LLC	Other Supplier
VanBlargan	Bryna	Sabinsville SunPower, LLC	
Veleta	David	IURC	
Vogel	Charles	unknown	
Volpe	Michael	OPEN ROAD RENEWABLES, LLC	
Vora	Shirin	Mission Clean Energy	
Wagner	Emily	Galehead Development	
Walcavich	Colin	Archlight Capital	
Walwer	Catherine	Cypress Creek Renewables, LLC	Generation Owner
Wattlington	Neil	Point Reyes Energy Partners LLC	
Webb	Becky	Exelon Business Services Company, LLC	Transmission Owner
Wehnes	Kathleen	retired	
Welch	Shawn	Doral Renewables LLC	
Whitehead	Jeffrey	GT Power Group	
Widom	Stuart	PJM Interconnection	None



Meeting Minutes

Wilches	Rafael	PSEG Energy Resources and Trade LLC	Other Supplier
Winterling	Adrienne	PECO Energy Company	Transmission Owner
Wolfe	Art	PJM Interconnection	None
Wylie-Chambers	Ericka	Exelon Business Services Company, LLC	Transmission Owner
Wynder	Michael	Altrock LLC	Other Supplier
Yasutake	Sarah	Jersey Green Energy LLC	Other Supplier
Yi	Jinan	Delorean Power LLC	None
Young	Brandon	Public Service Electric and Gas Company	Transmission Owner
Yovanovich	Laura	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Zelensky	Mark	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner

Author: Rebecca Gerber

Antitrust:

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Code of Conduct:

As a mandatory condition of attendance at today's meeting, attendees agree to adhere to the Code of Conduct as detailed in PJM Manual M-34 section 4.5, including, but not limited to, participants' responsibilities and rules regarding the dissemination of meeting discussion and materials. Expectations for participating in PJM activities are further detailed in the [PJM Code of Conduct](#).

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