

Interconnection Process Reform Task Force (IPRTF)

September 20, 2021

9:00 a.m. – 3:00 p.m. ET

Administration

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

Ed Kovler reviewed the August 23, 2021 IPRTF Draft Meeting Minutes. No objections or changes were requested. The Meeting Minutes were approved.

Ed Kovler reviewed the September 20, 2021 IPRTF Agenda. No changes to the agenda were requested.

CBIR Process

2. Solution proposal owners provided further details and answered questions related to their proposals.
3. Jack Thomas, PJM, led a discussion to review the possible options to transition to a new interconnection process.

Attendee List

Last Name	First Name	Company	Sector
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Adams	Michael	Public Service Electric & Gas Company	Transmission Owner
Ali	Shadab	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Anders	David	PJM Interconnection, LLC	None
Andrews	Wes	Torch Clean Energy	None
Arlen	Betsy	Sun Tribe Development	None
Ayers-Brasher	Jennifer	E.ON Climate & Renewables North America, Inc.	Generation Owner
Baker	Erin	Vesper Energy	None
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Baur	Sean	GlidePath Development LLC	None
Benchek	Jim	American Transmission Systems, Inc.	Transmission Owner
Benjamin	Nick	Clearway Energy LLC	None
Bent	Hannah	Engie	None
Berner	Aaron	PJM Interconnection, LLC	None
Berton	Tyler	AEP Appalachian Transmission Company, Inc.	Transmission Owner

Bhatt	Viraj	Algon Quin Power	None
Bloch-Rubin	Ted	Smart Wire Grid, Inc.	None
Bowers	Matthew	CC Renew	None
Boyd	Jesse	RES Group	None
Brier	Austin	Urban Grid Solar Projects, LLC	None
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Broughel	Lindsay	CC Renew	None
Broughton	Dillon	Timmons Group	None
Brown	David	NJ Board of Public Utilities	None
Brown	Richard	PJM Interconnection, LLC	None
Bueno	Juan	FirstEnergy Corporation	Transmission Owner
Bulmaro	Landa	Algon Quin Power	
Burbure	Neil	EN Engineering	None
Burbure	Stacy	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Burnham	Kat	Advanced Energy Economy (AEE)	None
Bush	Lonnie	American Transmission Systems, Inc.	Transmission Owner
Callen	Zachary (Zac)	Illinois Commerce Commission	None
Canavan	Brendan	Navi Sun LLC	None
Canter	David	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Capparelli	David	Dakota Power Partners	None
Carmean	Gregory	OPSI	None
Carter	Scott	Ranger Power	None
Castellano	Meghan	ENBW	None
Caven	Onyinye	PJM Interconnection, LLC	None
Cham	Edrissa	Tradewind Energy, Inc.	None
Chocarro Aguirrebengoa	Iker	E.ON Climate & Renewables North America, Inc.	Generation Owner
Choi	Wonbae	Samsung	None
Christian	Adam	Red Wolf PT, LLC	Other Supplier
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Circelli	Roseanne	Public Service Electric & Gas Company	Transmission Owner
Clark	Casey	Diode Ventures	None
Clifford	Kyle	PECO Energy Company	Transmission Owner
Cline	Tyler	Coronal Energy	None
Cohen	Emily	Primergy Solar	None
Coil	Nick	Enel Trading North America, LLC	None
Connell	Jason	PJM Interconnection, LLC	None
Contino	Jarrett	EDP Renewables North America, LLC	Generation Owner
Copeland	Kyle	PJM Interconnection, LLC	None

Crawford	Byron	Amazon Energy LLC	Other Supplier
Crenshaw	Walter	Community Energy	None
Crosby	Matthew	CC Renew	None
Dada	Noorgul	PJM Interconnection, LLC	None
Dadourian	John	Monitoring Analytics, LLC	None
Dale	Douglas	PECO Energy Company	Transmission Owner
D'Alessandris	Lou	FirstEnergy Corporation	Transmission Owner
Davis	David	Strata Solar	None
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
DeAngelis	Cameron	Public Service Electric & Gas Company	Transmission Owner
Delaney	Liz	Borrego Solar Systems	None
Denby	Brett	NOVEC	None
Dertzbaugh	Tim	Foundation Solar Partners	None
Dixit	Anuj	Recurrent Energy, LLC	Other Supplier
Dolan	Ryan	Dayton Power & Light Company (The)	Transmission Owner
Dossin	Sophia	Invenergy, LLC	Generation Owner
Drivas	Christina	Lightsource bp	None
Drom	Richard	Eckert Seamans	None
Edgar-Smith	Collin	PJM Interconnection, LLC	None
Edwards	Ian	Tyr Energy	None
El Atieh	Melanie	PA.GOV	None
Ercoli	Chris	Brookfield Renewable	None
Fabian	Natalie	Duke Energy	None
Fall	Maguette	EDF Renewable Energy	None
Fan	Zhenyu	PJM Interconnection, LLC	None
Feller	John	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Fernandes	Anisha	PJM Interconnection, LLC	None
Ferrera	Rick	Candela Renewables	None
Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Other Supplier
Fink	Sari	American Clean Power Association	None
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Ford	Nicholas (Nick)	Hexagon Energy	None
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Franks	Edmund (Ed)	PJM Interconnection, LLC	None
Fronsdahl	Nicole	1898 And Co	None
Fuerst	Gary	American Transmission Systems, Inc.	Transmission Owner
Fuess	Christian	PBF Power Marketing, LLC	Generation Owner
Gass	Scott	PowerGEM	None

Gebolys	Debbie	Public Utilities Commission of Ohio (The)	None
Ghayas	Awais	PJM Interconnection, LLC	None
Ghodsian	Arash	American Transmission Company, LLC	None
Ghosh	Souvik	Qcells	None
Gibbons	Drew	Savion, LLC	None
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Glatz	Suzanne (Sue)	PJM Interconnection, LLC	None
Glenn	David	Avangrid Renewables LLC	Generation Owner
Gray	Jeffrey (Jeff)	Gray LLC	None
Greening	Michele	PJM Interconnection, LLC	None
Grieve	Andrew	Pine Gate Mid-Atlantic, LLC	Other Supplier
Gunn	Garan	Public Service Electric & Gas Company	Transmission Owner
Guntle	Vince	American PowerNet Management	End-Use Customer
Gupta	Rishabh	Ecoplexus	None
Han	Minnie	Enel Trading North America, LLC	None
Handley	John	Diode Ventures	None
Hanser	Erik	Michigan Public Service Commission	None
Hasan	Prusha	Advanced Energy Economy, Inc.	None
Hastings	David	Market Interconnection Consulting Services (MICS)	None
Hatfield	Jeremy	ODEC	None
Hathcock	Jason	Strata Solar	None
Heath	Katie	Copia Power	None
Herel	Suzanne	PJM Interconnection, LLC	None
Herman	Michael	PJM Interconnection, LLC	None
Hicks	Rebecca	Dominion Energy Generation Marketing, Inc.	Generation Owner
Hoatson	Tom	Riverside Generating, LLC	Generation Owner
Hohenshiit	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning	Lynn Marie	Customized Energy Solutions, Ltd.*	None
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hough	Dennis	The Federal Energy Regulatory Commission	None
Howe	Cullen	Natural Resources Defense Council	None
Howie	Jonathan	ENBW	
Hua	Ling	Clearway Energy LLC	None
Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Hudson	Jeff	Urban Grid Solar Projects, LLC	Other Supplier
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hussing	Greg	None	None
Hussing	Greg	None	None
Hyzinski	Tom	GT Power Group	None

Iannantuono	Mike	Urban Grid Solar Projects, LLC	Other Supplier
Janapareddy	Anupama	Green River Holdings, LLC	Generation Owner
Jardot	Gina	Essential Power Rock Springs, LLC	Generation Owner
Jayachandran	Marilyn	PJM Interconnection, LLC	None
Johnson	Carl	Customized Energy Solutions, Ltd.*	None
Johnson	Jessica	Timmons Group	None
Johnston	David	Indiana Utility Regulatory Commission	None
Jones	Peter	Energy Endeavors, LLC	Other Supplier
Joshi	Karan	MISO (Midcontinent Independent System Operator)	None
Kalle	Ibrahima	Tibiri Energies	None
Kauffman	Abigail	BQ Energy	None
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kemp	Melissa	CC Renew	None
Khan	Bakhtawar	Gabel and Associates	None
khodaparastan	Mahdiyeh	ENBW	None
Kidwell	Christopher	Duke Energy Business Services LLC	Transmission Owner
Kiehl	James		None
Kilgallen	Kevin	Avangrid Renewables LLC	Generation Owner
Kinney	Josh	Hexagon Energy	None
Kliewer	Sam	Meridian Energy	None
Kogut	George	New York Power Authority	Other Supplier
Kopp	Tim	EPE Consulting	None
Kothakapu	Rakesh	Fellon McCord	None
Kou	Derek	Virginia Electric & Power Company	Transmission Owner
Kovler	Ed	PJM Interconnection, LLC	None
Kozhuharov	Dimitar	Delaware Municipal Electric Corporation, Inc.	Electric Distributor
Kremser	Derek	Diode Ventures	None
Krizenoskas	Lisa	PJM Interconnection, LLC	None
Laios	Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Lambert	Andrew	PJM Interconnection, LLC	None
Laranbee	Haley	CC Renew	None
Lieberman	Steven	American Municipal Power, Inc.	Electric Distributor
Linder	Nicholas	Ulteig	None
Littlefield	Camille	AMP	Transmission Owner
Lopez-Lopez	Anthony	Bryndan Associates, Inc.	None
Lyakhovich	Leonid	Public Service Electric & Gas Company	Transmission Owner
Lynch	Jessica	PJM Interconnection, LLC	None
Mabry	David	McNees Wallace & Nurick LLC	None
Malcolm	Kimberly	FirstEnergy Corporation	Transmission Owner
Mariam	Yohannes	Office of the Peoples Counsel for the District of Columbia	End-Use Customer

Markocic	Adrien	Narenco	None
Mazari	Shailabh	Duke Energy Ohio, Inc.	Transmission Owner
Mazari	Shukul	Savion, LLC	None
Mazurek	Chad	Meppi	None
McArdle	Brian	NextEra Energy Power Marketing, LLC	Other Supplier
McCarthy	Thomas (Tom)	Capital Power (US) Holdings Inc.	None
McCormick	Katharine	Illinois Commerce Commission	None
McGill	Susan	PJM Interconnection, LLC	None
McNeil	Justin	Office of the Attorney General, Kentucky	End-Use Customer
Mcneley	Michael	Dynamic Energy	None
Mehta	Gaurav	Enel Trading North America, LLC	Other Supplier
Mekala	Karthik	RWE Renewables Americas, LLC	Generation Owner
Miarka	Erich	Savion, LLC	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Montana	Shanelle	Lightsource bp	None
Muller	Hannah	Clearway Energy LLC	None
Murphy	Shaun	PJM Interconnection, LLC	None
Murteira	Ana	PSEG	None
Najafabadi	Amin	DNV	None
Nedwick	Peter	Virginia Electric & Power Company	Transmission Owner
Nenon	Michael	Strata Clean Energy	None
Nerad	Alicia	Energix	None
Nestel	Stacey	PJM Interconnection, LLC	None
Nieman	Ken		None
Nilchi	Maryam	Clearway Energy LLC	None
Nix	Emma	Gable and Associates	None
Northway	Robert	Savion, LLC	None
O'Boyle	Brian	Rockland Electric Company	Transmission Owner
O'Hara	Brian	Mercuria Energy America, Inc.	Other Supplier
Okenfuss	James	Savion, LLC	None
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Padilla	Leslie	Walden Renewables	None
Pahwa	Ankit	Burns & McDonnell	None
Panegal	Ash	Apex Clean Energy	None
Parkison	Sara	University of Delaware	None
Patel	Komal	PJM Interconnection, LLC	None
Paul	Conrad	FirstEnergy Corporation	Transmission Owner
Peacey	Denelle	TransAlta Energy Marketing (U.S.) Inc.	Other Supplier
Pham	Bao	Old Dominion Electric Cooperative	Electric Distributor
Pomillo	Jim	Samsung	None

Porter	Randy	Geronimo Energy	None
Poulos	Greg	CAPS	None
Pratt	Nicholas (Nick)	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Price	Drew	Hexagon Energy	None
Ptak	Anton	EDF Renewable Energy	None
Pungaliya	Rajat	Pine Gate Mid-Atlantic, LLC	Other Supplier
Quarterman	Chris	Meridian Energy	None
Rahman	Subomi	Public Service Electric & Gas Company	Transmission Owner
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Rajan	Abhijit	Dominion Resources, Inc.	None
Rana	Deepesh	Apex Clean Energy	None
Ranaweera	Aruna	Hecate Energy	None
Rasmussen	Terence	AMP	Transmission Owner
Ray	Bhaskar	Q Cells America Inc.	None
Renzi	Kim	FirstEnergy Corporation	Transmission Owner
Richards Jr	Cleveland	Price Waterhouse Cooper	None
Roberts	Casey	Sierra Club	None
Roberts	Casey	Sierra Club	None
Roberts	Jackie	West Virginia Consumer Advocate Division	End-Use Customer
Robichaud	Donna	Geenex Solar LLC	Other Supplier
Rodriguez	Tomas	OPSI	None
Rohrbach	John	Southern Maryland Electric Cooperative, Inc.	Electric Distributor
Rooney	Alexa	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Rozen	Alex	Community energy	None
Ryan	Todd	Smart Wire Grid, Inc.	None
Sandler	Simon	Qcells	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Schuyler	Ken	PJM Interconnection, LLC	None
Seide	Richard	Apex Clean Energy	None
Shah	Pulin	PECO Energy Company	Transmission Owner
Shaifer	James	NCRE	None
Shaikh	Mohammad	Plus Power	None
Shakibafar	Mehdi	Virginia Electric & Power Company	Transmission Owner
Sharpe	Ian	Leeward Renewable Energy, LLC	None
Shields	Tom	Avangrid Renewables, LLC	Generation Owner
Shoemaker	Jason	PJM Interconnection, LLC	None
Sibilia	Anthony	Primery Solar	None
Silverberg	Greg	LS Power	None
Sims	Mark	PJM Interconnection, LLC	None
Singh	Harliv	Northern States Power Company	Other Supplier

Sinha	Ashank	PJM Interconnection, LLC	None
Slagel	Ronald	Other	None
Smith	Patrick	Duke Energy Renewable Services, LLC	None
Soorya	Radha	Other	None
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Souder	David (Dave)	PJM Interconnection, LLC	None
Spear	Ben	Urban Grid Solar Projects, LLC	None
Stanfill	Susan	PG Renewables	None
Staples	Boone	Tenaska Power Services Co.	Generation Owner
Steinkuhl	Steve	Duke Energy Business Services LLC	Transmission Owner
Stern	Alexander (Alex)	Public Service Electric & Gas Company	Transmission Owner
Streeter	Jason	AES Ohio Generation, LLC	Generation Owner
Stuchell	Jeff	FirstEnergy Corporation	Transmission Owner
Sunderman	Derek	Tradewind Energy, Inc.	None
Swagata	Sengupta	Public Service Electric & Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group	None
Tashakkori	Cyrus	Open Road Renewables, LLC	None
Taylor	Robert	Exelon Business Services Company, LLC	Transmission Owner
Tekle	Zelalem	Baltimore Gas and Electric Company	Transmission Owner
Terranova	Chris	PJM Interconnection, LLC	None
Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
Thomas	Jack	PJM Interconnection, LLC	None
Thompson	Jonathan	PJM Interconnection, LLC	None
Thornton	Matthew	Long Road Energy	None
Tobia	James	FirstEnergy Corporation	Transmission Owner
Toppo	Shilpa	174 Power Global	None
Toshiro	Elias	Tyr Energy	None
van Boer	Aaron	Eolian Energy	None
Vander Vorst	Aaron	Tradewind Energy, Inc.	None
Volpe	Mike	Open Road Renewables, LLC	None
Walsh	Tim	GEG Renewables	None
Warren	Wendy	Wright & Talisman, P.C.	None
Wehnes	Kathleen	Maryland Public Service Commission	None
Whalen	Michael	Foundation Solar Partners	None
Wharton	Matthew	Guidehouse, Inc.	None
Whitaker	Jim	TRC Companies	None
White	Brett	Other	None
Whitehead	Jeffrey	GT Power Group	None
Widom	Stuart	PJM Interconnection, LLC	None

Williams	Lesley	Geenex Solar LLC	Other Supplier
Wilson	Jonathan	Walden Renewables	None
Wisersky	Megan	Madison Gas & Electric Company	Other Supplier
Wolfe	Art	PJM Interconnection, LLC	None
Yoder	Michael	RTO Insider	None
Young	Brandon	Public Service Electric & Gas Company	Transmission Owner
Yovanovich	Laura	PJM Interconnection, LLC	None
Zadeh	Mohsen	DNV	None