

Interconnection Process Reform Task Force (IPRTF)

October 19, 2021

9:00 a.m. – 12:00 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 October 7, 2021 IPRTF Draft Meeting Minutes. No objections or changes were requested. The Meeting Minutes were approved.

Ed Kovler reviewed the October 19, 2021 IPRTF Agenda. No changes to the agenda were requested.

CBIR Process

2. 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
Abdelsamad	Ahmed	Daymark EA	none
Abed	Abbas	Innergex Renewable USA LLC	Generation Owner
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Anders	David	PJM Interconnection, LLC	None
Andrews	Wes	Torch Clean Energy	None
Azzam	Dave	Meridian Energy	None
Bainbridge	Tom	Energy Harbor LLC	Generation Owner
Baker	Erin	Vesper Energy Development LLC	None
Baur	Sean	GlidePath Development LLC	None
Benchek	Jim	American Transmission Systems, Inc.	Transmission Owner
Benjamin	Nick	Clearway Energy Group LLC	None
Bennett	Stephen	PJM Interconnection, LLC	None
Berner	Aaron	PJM Interconnection, LLC	None
Berton	Tyler	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Bhatt	Viraj	Algonquin Power	None
Bloch-Rubin	Ted	Smart Wires Inc.	None
Bommareddy	Chandana	TRC Solutions	None
Boyd	Jesse	RES America Developments, Inc.	Generation Owner
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Broughel	Lindsay	Cyprus Creek Renewables, LLC	Generation Owner

Broughton	Dillon	Timmons	None
Bruno	Peter	Cypress Creek Renewables, LLC	Generation Owner
Bryant	Eric	FirstEnergy Corporation	Transmission Owner
Burbure	Neil	EN Engineering	None
Burnham	Kat	Advanced Energy Economy (AEE)	None
Callen	Zachary (Zac)	Illinois Commerce Commission	None
Campbell	Justin	Edison Transmission LLC	Other Supplier
Canter	David	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Capparelli	David	Dakota Power Partners	None
Carmean	Gregory	OPSI	None
Carrier	Ronald (Ron)	Big Lake Consulting	None
Castellano	Meghan	EnBW North America	None
Cater	Todd	Foundation Solar Partners	None
Cham	Edrissa	Tradewind Energy, Inc.	None
Chen	Kevin	Electric Power Engineers, Inc.	None
Chocarro Aguirrebengoa	Iker	E.ON Climate & Renewables North America, Inc.	Generation Owner
Choi	Wonbae	Samsung C&T America, Inc	None
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Circelli	Roseanne	Public Service Electric & Gas Company	Transmission Owner
Clifford	Kyle	PECO Energy Company	Transmission Owner
Coba	Luis	PSEG Energy Resources & Trade LLC	Transmission Owner
Connell	Jason	PJM Interconnection, LLC	None
Contino	Jarrett	EDP Renewables North America, LLC	Generation Owner
Copeland	Kyle	PJM Interconnection, LLC	None
Craig	Dan	FBT Law	None
Crawford	Byron	Amazon Energy LLC	Other Supplier
Crenshaw	Walter	Community Energy, Inc.	Other Supplier
Cressner	Michael	Orion Renewables	None
Crosby	Matthew	Cypress Creek Renewables, LLC	Generation Owner
Cusick	Kerinia	Center for Renewables Integration	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
Danis	Deral	Clean Line Energy Partners LLC	None

Davidson	Andrew	X Elio	None
Davis	David	Strata Solar	None
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
DeAngelis	Tom	East Point Energy	None
Delafield	M	RE Services	None
Delaney	Liz	Borrego Solar Systems	None
Depillo	Raymond	PSEG Energy Resources & Trade LLC	Other Supplier
Dertzbaugh	Tim	Foundation Solar Partners	None
Desmarais	Dennis	Birch Cooperative	None
Dixit	Anuj	Recurrent Energy, LLC	Other Supplier
Dossin	Sophia	Invenergy, LLC	Generation Owner
Drivas	Christina	Lightsource Renewable Energy Development, LLC	Other Supplier
Drom	Richard (Rick)	Eckert Seamans	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Edgar-Smith	Collin	PJM Interconnection, LLC	None
Ercoli	Chris	Brookfield Energy Marketing LP	Other Supplier
Ercoli	Chris	Brookfield Energy Marketing LP	Other Supplier
Fabian	Natalie	Duke Energy Ohio, Inc.	Transmission Owner
Fakhoury	Ray	Fowler Ridge IV Wind Farm LLC	Generation Owner
Fall	Maguette	EDF Renewable Energy	None
Fan	Zhenyu	PJM Interconnection, LLC	None
Fernandes	Anisha	PJM Interconnection, LLC	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	Nicholas (Nick)	Hexagon Energy	None
Franks	Edmund (Ed)	PJM Interconnection, LLC	None
Frenkel	Steve	SOO Green HVDC Link ProjectCo, LLC	None
Friedell	Ben	Narenco	None
Fronsdahl	Nicole	1898 and Co.	None
Fuerst	Gary	American Transmission Systems, Inc.	Transmission Owner
Fuess	Christian	PBF Power Marketing, LLC	Generation Owner
Fung	Betty	Recurrent Energy, LLC	None

Gaddes	Caleb	Lightsource Renewable Energy Development, LLC	None
Gallego Fernandez	Pablo	Acciona Energy North America Corporation	Generation Owner
Garcia	Antonio	Abei Energy	None
Garrett	Robert	Dominion Virginia Power	None
Gasper	Lou	Millcreek Renewables	None
Ghayas	Awais	PJM Interconnection, LLC	None
Ghosh	Souvik	Q Cells America	None
Gibbons	Drew	Savion, LLC	None
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Gilete	Jorge	Abei Energy	None
Gonzalez Miguelez	Rodrigo	Acciona Energy North America Corporation	Generation Owner
Gray	Jeffrey (Jeff)	Gray LLC	None
Greening	Michele	PJM Interconnection, LLC	None
Grieve	Andrew	Pine Gate Mid-Atlantic, LLC	Other Supplier
Griffith	Scott	Duke Energy Renewable Services, LLC	Generation Owner
Gulland	Sam	Torch Clean Energy	None
Gunn	Garan	Public Service Electric & Gas Company	Transmission Owner
Gupta	Dhruv	Electric Power Engineers, Inc.	None
Haggard	Travis	Torch Clean Energy	None
Han	Minnie	Enel Trading North America, LLC	Other Supplier
Handley	John	Diode Ventures	None
Hastings	David	Market Interconnection Consulting Services (MICS)	None
Hathcock	Jason	Strata Solar	None
Herel	Suzanne	PJM Interconnection, LLC	None
Herman	Michael	PJM Interconnection, LLC	None
Hibshman	Michael	Hexagon Energy	None
Hoatson	Thomas (Tom)	Riverside Generating, LLC	Generation Owner
Hodgdon	Scott	Burns & McDonnell	None
Hohenshilt	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
Hua	Ling	Clearway Energy Group LLC	None

Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Hudson	Jeff	Urban Grid Solar Projects, LLC	Other Supplier
Hugee	Jacquelyn (Jacqui)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Hutt	Daniel	Public Service Electric & Gas Company	Transmission Owner
Hyzinski	Tom	GT Power Group	None
Janapareddy	Anupama	Green River Holdings, 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	Kimberly		
Jones	Peter	Energy Endeavors, LLC	Other Supplier
Kalle	Ibrahima	Tibiri Energies	None
Karmakar	Abhijeet	EE Plus, Inc.	None
Kazerooni	Hamid	PJM Interconnection, LLC	None
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kilgallen	Kevin	Avangrid Renewables LLC	Generation Owner
Kinney	Josh	Hexagon Energy	None
Kogut	George	New York Power Authority	Other Supplier
Kou	Derek	EDP Renewables North America, LLC	Generation Owner
Kovler	Ed	PJM Interconnection, LLC	None
Krizenoskas	Lisa	PJM Interconnection, LLC	None
Kuchan	Meagan	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Kurthakoti	Divya	Orsted US Trading LLC	Other Supplier
Laguardia	Alex	GenOn Energy Management, LLC	Generation Owner
Laios	Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Lake	Andria	Able Grid Energy	None
Lambert	Andrew	PJM Interconnection, LLC	None
Landa	Bulmaro	Algonquin Energy Services, Inc.	Generation Owner
Larabee	Haley	Cypress Creek Renewables, LLC	Generation Owner
Lichtin	Steven	Go Electric Inc.	None
Lines	Sam	Able Grid Energy	None
Lopez-Lopez	Anthony	Bryndan Associates, Inc.	None
Lousos	Alexandros	AMP Transmission, LLC	Transmission Owner
Lucy	Zachary	Leyline Capital	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	Adrian	National Renewable Energy Corporation	None
Martinez Perez	David	Acciona Energy North America Corporation	Generation Owner
Martinez	Leo	Boston Energy Trading & Marketing, LLC	Other Supplier
Mathsen	Michael	Cargill Power Markets LLC	Other Supplier
Mazari	Shailabh	Duke Energy Ohio, Inc.	Transmission Owner
Mazari	Shukul	Savion, LLC	None
Mazurek	Chad	Mitsubishi Electric Power Products (MEPPI) USA	None
McArdle	Brian	NextEra Energy Power Marketing, LLC	Other Supplier
McCarthy	Thomas (Tom)	Capital Power (US) Holdings Inc.	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
Miralda	Jessica	Borrego Solar Systems	None
Murphy	Shaun	PJM Interconnection, LLC	None
Najafabadi	Amin	DNV	None
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Nedwick	Peter	Virginia Electric & Power Company	Transmission Owner
Nestel	Stacey	PJM Interconnection, LLC	None
Niu	Hui (Grace)	PJM Interconnection, LLC	None
Nix	Emma	Gable and Associates	None
Noel Jeune	Reynaldo	PPL Electric Utilities Corp. dba PPL Utilities	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	Candela Renewables	None
Pahwa	Ankit	Burns & McDonnell	None
Panegal	Ash	Apex Clean Energy	None
Patel	Komal	PJM Interconnection, LLC	None
Paul	Conrad	FirstEnergy Corporation	Transmission Owner

Pawar	Aasawari	First Solar, Inc.	None
Peacey	Denelle	TransAlta Energy Marketing (U.S.) Inc.	Other Supplier
Pham	Bao	Old Dominion Electric Cooperative	Electric Distributor
Plummer	Angela	GridSME	None
Potter	Jeff	Renewable Energy Int.	None
Price	Drew	Hexagon Energy	None
Price	Rob	Sun Energy 1	None
Ptak	Anton	EDF Renewable Energy	None
Pungaliya	Rajat	Pine Gate Mid-Atlantic, LLC	Other Supplier
Quarterman	Chris	Meridian Energy	None
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Ranaweera	Aruna	Hecate Energy	None
Redding	Andrew	Heelstone Renewable Energy	None
Renzi	Kim	FirstEnergy Corporation	Transmission Owner
Reynosos	Eliseo	Core Development USA	None
Richards Jr	Cleveland	Price Waterhouse Cooper	None
Robertson	Kathleen	Exelon Business Services Company, LLC	Transmission Owner
Robichaud	Donna	Geenex Solar LLC	Other Supplier
Rodriguez	Maria	X Elio	None
Rodriguez	Tomas	OPSI	None
Rooney	Alexa	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Sarubbi	Alyssa	CEP Rewables LLC	None
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Schmitt	David	New Jersey Board of Public Utilities	None
Scott	Alicia	BQ Energy LLC	None
Seide	Richard	Apex Clean Energy	None
Shah	Pulin	PECO Energy Company	Transmission Owner
Shaifer	James	NCRE Solar	None
Shaikh	Mohammed	Plus Power, LLC	None
Sharpe	Ian	Leeward Renewable Energy, LLC	None
Sherrick	Joe	Pennsylvania Public Utility Commission	None
Shields	Tom	Avangrid Renewables, LLC	Generation Owner
Shoemaker	Jason	PJM Interconnection, LLC	None
Siegel	Tom	Long Road Energy	None
Silbernagel	Kyle	Kanin Energy	None
Silvers	Joseph	Pearl Street Technologies	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	Generation Owner
Soininen	John	Brookfield Energy Marketing LP	Other Supplier
Soorya	Radha	Other	None
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Souder	David (Dave)	PJM Interconnection, LLC	None
Spears	Ben	Urban Grid Solar Projects, LLC	Other Supplier
Starr	Anna	Gale Head Dev	None
Steinkuhl	Steve	Duke Energy Business Services LLC	Transmission Owner
Stern	Alexander (Alex)	Public Service Electric & Gas Company	Transmission Owner
Stoll	Aaron	Ulteig Engineers, Inc.	None
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
Szot	Lisa	Szot Energy Services, LLC	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
Thomas	Amber	Exelon Business Services Company, LLC	Transmission Owner
Thomas	Jack	PJM Interconnection, LLC	None
Thompson	Jonathan	PJM Interconnection, LLC	None
Tome	Brian	American Transmission Systems, Inc.	Transmission Owner
Toppo	Shilpa	174 Power Global	None
Tribulski	Jennifer	PJM Interconnection, LLC	None
Turner	Eli	Sun Tribe Solar, LLC	Other Supplier
Turner	Rebecca	Connect Gen LLC	None
van Boer	Aaron	Eolian	None
Van Clief	Danny	Sun Tribe Solar, LLC	None
Vander Vorst	Aaron	Tradewind Energy, Inc.	None
Vogel	Charles	Oriden Power	None
Volpe	Mike	Open Road Renewables, LLC	None
Walker	Wes	Dominion Energy Generation Marketing, Inc.	Transmission Owner

Walsh	Tim	GEG Renewables	None
Wang	Daniel	sPower Energy Marketing, LLC	Generation Owner
Warren	Wendy	Wright & Talisman, P.C.	None
Weeks	Thomas	Michigan Public Power Agency	Generation Owner
Wehnes	Kathleen	Maryland Public Service Commission	None
Welch	Patrick	Trustees of the University of Pennsylvania	End-Use Customer
Wharton	Matthew	Guidehouse, Inc.	None
Whitehead	Jeffrey	GT Power Group	None
Wieland	John	Leeward Renewable Energy, LLC	None
Wilches	Rafael	Public Service Electric & Gas Company	Transmission Owner
Wilkinson	Eric	Macquarie Energy LLC	Other Supplier
Williams	Lesley	Geenex Solar LLC	Other Supplier
Wisersky	Megan	Madison Gas & Electric Company	Other Supplier
Wolfe	Art	PJM Interconnection, LLC	None
Young	Brandon	Public Service Electric & Gas Company	Transmission Owner
Yovanovich	Laura	PJM Interconnection, LLC	None
Zadeh	Mohsen	DNV GL Energy, Americas	None
Zhang	Wen	Enverus	None