

Interconnection Process Reform Task Force (IPRTF)

December 7, 2021

1:00 p.m. – 5:00 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 November 30, 2021 IPRTF Draft Meeting Minutes. No objections or changes were requested. The Meeting Minutes were approved.

Ed Kovler reviewed the December 7, 2021 IPRTF Agenda. No changes to the agenda were requested.

CBIR Process

2. Jack Thomas, PJM, reviewed the results of the packages for a new interconnection process..
3. Jack Thomas, PJM, facilitated discussions regarding proposals for how to transition to a new interconnection process.

Attendee List

Last Name	First Name	Company	Sector
Abed	Abbas	Innergex Renewable USA LLC	Generation Owner
Ahn	Scott	Cenergy Power	None
Alva	Christian	South Clean Energy	None
Amoling	Leo	PJM Interconnection, LLC	None
Andalora	Christina	PJM Interconnection, LLC	None
Anders	David	PJM Interconnection, LLC	None
Andrews	Wes	Torch Clean Energy	None
Arora	Sandeep	LS Power Development, LLC	None
Atewologun	Tobiloba (Tobi)	Williams	None
Awasthi	Shekhar	PJM Interconnection, LLC	None
Azzam	Dave	Meridian Energy	None
Bainbridge	Tom	Energy Harbor LLC	Generation Owner
Baker	Erin	Vesper Energy Development LLC	None
Bautista	Alejandro	PJM Interconnection, LLC	None
Benchek	Jim	American Transmission Systems, Inc.	Transmission Owner
Benchek	Jim	American Transmission Systems, Inc.	Transmission Owner
Bergstrom	Eric	Conifer Power	None
Bernstein	Matthew	PJM Interconnection, LLC	None
Berton	Tyler	AEP Appalachian Transmission Company, Inc.	Transmission Owner

Blanco	Fernando	Bright Night Power	None
Brahman	Azade	Orstead	None
Brecke	Tracy	Mitsubishi Electric Power Products (MEPPI) USA	None
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Bryant	Eric	FirstEnergy Corporation	Transmission Owner
Callen	Zachary (Zac)	Illinois Commerce Commission	None
Canter	David	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Carrier	Ronald (Ron)	Big Lake Consulting	None
Carrier	Ronald (Ron)	Big Lake Consulting	None
Cater	Todd	Foundation Solar Partners	None
Caven	Onyinye	PJM Interconnection, LLC	None
Chocarro Aguirrebengoa	Iker	RWE Renewables Americas, LLC	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
Cofino	Carlos	PGR Renewables	None
Conklin	Tyler	Public Utilities Commission of Ohio	None
Connell	Jason	PJM Interconnection, LLC	None
Connell	Jason	PJM Interconnection, LLC	None
Contino	Jarrett	EDP Renewables North America, LLC	Generation Owner
Copeland	Kyle	PJM Interconnection, LLC	None
Corwin	Samuel	Atlas Renewable Energy	None
Cottle	Joe	Novis Renew	None
Crawford	Byron	Amazon Energy LLC	Other Supplier
Crenshaw	Walter	Community Energy, Inc.	Other Supplier
Crosby	Matthew	Cypress Creek Renewables, LLC	Generation Owner
Dada	Noorgul	PJM Interconnection, LLC	None
Dadourian	John	Monitoring Analytics, LLC	None
D'Alessandris	Lou	FirstEnergy Corporation	Transmission Owner
Dao	Tom	Bechtel	None
Davidson	Andrew	X-ELIO North America	None
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
De Abreu	Barbara	Atlas Renewable Energy	None

DeAngelis	Tom	East Point Energy	None
Delaney	Liz	Borrego Solar Systems	None
Denby	Brett	NOVEC	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
Doering	Anthony	Savion, LLC	None
Doherty	Conor	Orsted	None
Domian	Christin	Duquesne Light Company	Transmission Owner
Dossin	Sophia	Invenergy, LLC	Generation Owner
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
Esber	Ken	None	None
Evans	Tristan	LevelTen Energy	None
Fabian	Natalie	Duke Energy Ohio, Inc.	Transmission Owner
Fakhoury	Ray	Fowler Ridge IV Wind Farm LLC	Generation Owner
Fall	Maguette	EDF Renewable Energy	None
Fernandes	Anisha	PJM Interconnection, LLC	None
Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Fineman	Josh	Cleantech Systems Solutions	None
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Other Supplier
Fink	Sari	American Clean Power Association	None
Foladare	Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Fong	Amanda	MISO (Midcontinent Independent System Operator)	None
Ford	Nicholas (Nick)	Hexagon Energy	None
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
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
Fung	Betty	Recurrent Energy, LLC	Other Supplier
Gaddes	Caleb	Lightsource Renewable Energy Development, LLC	Other Supplier
Garcia	Daniel	Atlas Renewable Energy	None

Ghayas	Awais	PJM Interconnection, LLC	None
Ghodsian	Arash	American Transmission Company, LLC	None
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Glatz	Suzanne (Sue)	PJM Interconnection, LLC	None
Glazer	Craig	PJM Interconnection, LLC	None
Gold	Zach	East Light Partners	None
Golder	Drew	Lightsource Renewable Energy Development, LLC	Other Supplier
Gonzalez Miguelez	Rodrigo	Acciona Energy North America Corporation	Generation Owner
Goodson	Conor	ES Volta	None
Green	Chris	Tri Global Energy, LLC	None
Greenberg	Aaron	Oriden Power	None
Greene III	Benjamin	AEP Appalachian Transmission Company, Inc.	Transmission Owner
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
Gupta	Rishabh	Ecoplexus Inc	None
Habib	Maya	Bechtel	None
Haggard	Travis	Torch Clean Energy	None
Han	Minnie	Enel Trading North America, LLC	Other Supplier
Hanser	Erik	Michigan Public Service Commission	None
Hathcock	Jason	Strata Solar	None
Heath	Katie	Copia Power	None
Heck	Bill	Cenergy Power	None
Heinle	Frederick (Erik)	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Hennessee	Cody	Bridge Link Investments	None
Herel	Suzanne	PJM Interconnection, LLC	None
Hibshman	Michael	Hexagon Energy	None
Hicks	Rebecca	Dominion Energy Generation Marketing, Inc.	Generation Owner
Hoatson	Thomas (Tom)	Riverside Generating, LLC	Generation Owner
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
Hutt	Daniel	Public Service Electric & Gas Company	Transmission Owner
Hyzinski	Tom	GT Power Group	None
Iler	Arthur (Art)	Indiana Office of Utility Consumer Counsel	End-Use Customer
Imoto	Mike	Cenergy Power	None
Janapareddy	Anupama (Anu)	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
Jones	Peter	Energy Endeavors, LLC	Other Supplier
Kaan	Tuna	Acciona Energy North America Corporation	None
Keenan	Matthew	Jpower USA	None
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kidwell	Christopher	Duke Energy Business Services LLC	Transmission Owner
Kilday	Connor	Hyde Engineering Services, Inc	None
Kilgallen	Kevin	Avangrid Renewables LLC	Generation Owner
King	Blake	RES America Developments, Inc.	Generation Owner
Kinney	Josh	Hexagon Energy	None
Kogut	George	New York Power Authority	Other Supplier
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
Kusiak	Brian	Torch Clean Energy	None
Kyle	Kristen	South Clean Energy	None
Laios	Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Lambert	Andrew	PJM Interconnection, LLC	None
Landa	Bulmaro	Algonquin Energy Services, Inc.	Generation Owner
Li	Abbey	Mitsubishi Electric Power Products (MEPPI) USA	None
Li	Jerry	Capstone DC	None
Lichtin	Steven	Go Electric Inc.	None
Linder	Nicholas	Ulteig	None
Lines	Sam	Able Grid Development Holdings, LLC	None
Litchfield	Matthew	CPV Shore, LLC	Generation Owner

Lopez	Annie	East Point Energy	None
Lopez-Lopez	Anthony	Bryndan Associates, Inc.	None
Mabry	David	McNees Wallace & Nurick LLC	None
Malcolm	Kimberly	FirstEnergy Corporation	Transmission Owner
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
McNeley	Michael	Dynamic Energy	None
Mehta	Gaurav	Enel Trading North America, LLC	Other Supplier
Miarka	Erich	Savion, LLC	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Murphy	Shaun	PJM Interconnection, LLC	None
Naftel	Jackson	Sonder Energy	None
Najafabadi	Amin	DNV	None
Nedwick	Peter	Virginia Electric & Power Company	Transmission Owner
Nenon	Michael	Strata Clean Energy	None
Nestel	Stacey	PJM Interconnection, LLC	None
Neumann	Jacob	None	None
Nix	Emma	Gable and Associates	None
Noel Jeune	Reynaldo	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
O'Hara	Bernard (Bernie)	Sargent & Lundy	None
O'Hara	Brian	Mercuria Energy America, Inc.	Other Supplier
Okenfuss	James	Savion, LLC	None
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Pahwa	Ankit	Burns & McDonnell	None
Panegal	Ash	Apex Clean Energy	None
Patil	Ninad	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
Potter	Jeff	Renewable Energy International LLC	None
Pratt	Nicholas (Nick)	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Price	Rob	Sun Energy 1	None
Price	Ruth	Division of the Public Advocate of the State of Delaware	End-Use Customer

Ptak	Anton	EDF Renewable Energy	None
Qi	Liang	MISO (Midcontinent Independent System Operator)	None
Ragsdale	Jeriotte	PJM Interconnection, LLC	None
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Rana	Deepesh	Apex Clean Energy	None
Ranaweera	Aruna	Hecate Energy	None
Ranaweera	Aruna	Hecate Energy	None
Redding	Andrew	Heelstone Renewable Energy	None
Richards	David	Megawatt Farming	None
Richards Jr	Cleveland	Price Waterhouse Cooper	None
Robichaud	Donna	Geenex Solar LLC	Other Supplier
Rodriguez	Tomas	OPSI	None
Rumler	Ed	Atlas Renewable Energy	None
Schmitt	David	New Jersey Board of Public Utilities	None
Schmitt	Tom	FirstEnergy Corporation	Transmission Owner
Schreim	Morris	Maryland Public Service Commission	None
Schriner	Jordan	Bow Renewables	None
Scott	Alicia	BQ Energy LLC	None
Scott	Carter	Ranger Power	None
Seeley	Dylan	PJM Interconnection, 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
Shoemaker	Jason	PJM Interconnection, LLC	None
Sims	Mark	PJM Interconnection, LLC	None
Singh	Harliv	Northern States Power Company	Other Supplier
Smith	Patrick	Duke Energy Renewable Services, LLC	Generation Owner
Soininen	John	Brookfield Energy Marketing LP	Other Supplier
Souder	David (Dave)	PJM Interconnection, LLC	None
Spears	Ben	Urban Grid Solar Projects, LLC	Other Supplier
Speelman	Jennie	PJM Interconnection, LLC	None
Stanley	Chuck	ION Group	None
Staples	Boone	Tenaska Power Services Co.	Generation Owner
Steinkuhl	Steve	Duke Energy Business Services LLC	Transmission Owner
Stephenson	Josh	PJM Interconnection, LLC	None
Stern	Alexander (Alex)	Public Service Electric & Gas Company	Transmission Owner
Stines	Zachary	Borrego Solar Systems	None

Stoll	Aaron	Ulteig Engineers, Inc.	None
Street	Jason	AES Ohio Generation, LLC	Generation Owner
Strom	Ryan	Buckeye Power, Inc.	Electric Distributor
Stuchell	Jeff	FirstEnergy Corporation	Transmission Owner
Stupar	Rob	Invenergy, LLC	Generation Owner
Sunderman	Derek	Tradewind Energy, Inc.	None
Swanger	Eric	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Szot	Lisa	Szot Energy Services, LLC	None
Tashakkori	Cyrus	Open Road Renewables, LLC	None
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
Toppo	Shilpa	174 Power Global	None
Tribulski	Jennifer (Jen)	PJM Interconnection, LLC	None
Turner	Eli	Sun Tribe Solar, LLC	Other Supplier
van Boer	Aaron	Eolian	None
van Slyke	Torry	Clenera	None
VanBlargan	Bryna	Resource Investments	None
Villarreal	Jose	Acciona Energy North America Corporation	Generation Owner
Vogel	Charles	Oriden Power	None
Volpe	Mike	Open Road Renewables, LLC	None
Wagner	Emily	Galehead Dev	None
Wang	Daniel	sPower Energy Marketing, LLC	Generation Owner
Warren	Wendy	Wright & Talisman, P.C.	None
Watson	Andrew	PSEG Energy Resources & Trade LLC	Transmission Owner
Watson	Jeanine	PJM Interconnection, LLC	None
Webster	Andrew	Q Cells America Inc.	None
Wehnes	Kathleen	Maryland Public Service Commission	None
Weitzner	Henry	Walden Renewables Development LLC	Other Supplier
West	Chris	East Light Partners	None
Whalen	Michael	Foundation Solar Partners	None
Wharton	Matthew	Guidehouse, Inc.	None
White	Brett	Other	None
Whitehead	Jeffrey	GT Power Group	None
Wilkinson	Eric	Orsted US Trading LLC	Other Supplier
Williams	Lesley	Genex Solar LLC	Other Supplier
Willson	Jonathan	Walden Renewables Development LLC	Other Supplier
Wolfe	Art	PJM Interconnection, LLC	None

Worcester	Alex	Transmission Analytics	None
Yoder	Michael	RTO Insider	None
Young	Brandon	Public Service Electric & Gas Company	Transmission Owner
Zwecker	Zoe	Hyde Engineering Services, Inc	None