

## Interconnection Process Reform Task Force (IPRTF)

November 4, 2021

3:00 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 October 29, 2021 IPRTF Draft Meeting Minutes. No objections or changes were requested. The Meeting Minutes were approved.

Ed Kovler reviewed the November 4, 2021 IPRTF Agenda. No changes to the agenda were requested.

### CBIR Process

2. Jack Thomas, PJM, reviewed the transition proposal poll results.
3. Solution proposal owners provided further details and answer questions related to their proposals.

### Attendee List

Last Name	First Name	Company	Sector
Abed	Abbas	Innergex Renewable USA LLC	Generation Owner
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Alfano	Melissa	Solar Energy Industries Association	None
Amoling	Leo	PJM Interconnection, LLC	None
Armfield	Jim	Holocene Energy	None
Arora	Sandeep	LS Power	None
Azzam	Dave	Meridian Energy	None
Baker	Erin	Vesper Energy Development LLC	None
Bautista	Alejandro	PJM Interconnection, LLC	None
Behar	Marc-Alain	Nexamp	None
Behling	William	Innergex Renewable USA LLC	None
Benjamin	Nick	Clearway Energy Group LLC	None
Bernstein	Matthew	PJM Interconnection, LLC	None
Berton	Tyler	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Brecke	Tracy	Mitsubishi Electric Power Products (MEPPI) USA	None
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
Bryson	Michael (Mike)	PJM Interconnection, LLC	None
Burnham	Kat	Advanced Energy Economy (AEE)	None
Callen	Zachary (Zac)	Illinois Commerce Commission	None
Capparelli	David	Dakota Power Partners	None
Carrier	Ronald (Ron)	Big Lake Consulting	None
Cater	Todd	Foundation Solar Partners	None
Caven	Onyinye	PJM Interconnection, LLC	None
Chandramowli	Shankar	ICF International	None
Chen	Kevin	Electric Power Engineers, Inc.	None
Chocarro Aguirrebengoa	Iker	RWE Renewables Americas, LLC	Generation Owner
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Circelli	Roseanne	Public Service Electric & Gas Company	Transmission Owner
Conklin	Tyler	Public Utilities Commission of Ohio	None
Connell	Jason	PJM Interconnection, LLC	None
Contino	Jarrett	EDP Renewables North America, LLC	Generation Owner
Crosby	Matthew	Cypress Creek Renewables, LLC	Generation Owner
Curtis	Kenneth	Drilling Info, Inc.	None
Dada	Noorgul	PJM Interconnection, LLC	None
Dadourian	John	Monitoring Analytics, LLC	None
Dale	Douglas	PECO Energy Company	Transmission Owner
Davis	David	Strata Solar	None
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Delafield	Tom	Renewable Energy Services	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
Deyerle	Anthony	Sun Tribe Solar, LLC	Other Supplier
Dixit	Anuj	Recurrent Energy, LLC	Other Supplier
Dolan	Ryan	Dayton Power & Light Company (The)	Transmission Owner
Domian	Christin	Duquesne Light Company	Transmission 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
Esber	Ken	None	None
Essah	David	State Corporation Commission Commonwealth of Virginia	None
Evans	Tristan	Level T Energy	None
Fakhoury	Ray	Fowler Ridge IV Wind Farm LLC	Generation Owner
Fall	Maguette	EDF Renewable Energy	None
Feller	John	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Fernandes	Anisha	PJM Interconnection, LLC	None
Feyz	Leila	PJM Interconnection, LLC	None
Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Fink	Sari	American Clean Power Association	None
Fipke	Dan	Nira Energy	None
Foladare	Kenneth (Ken)	Geenex Solar LLC	Other Supplier
Ford	Nicholas (Nick)	Hexagon Energy	None
Franks	Edmund (Ed)	PJM Interconnection, LLC	None
Fronsdahl	Nicole	1898 and Co.	None
Fuerst	Gary	American Transmission Systems, Inc.	Transmission Owner
Gaddes	Caleb	Lightsource Renewable Energy Development, LLC	Other Supplier
Gasper	Lou	Millcreek Renewables	None
Gebolys	Debbie	Public Utilities Commission of Ohio (The)	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
Gonzalez Miguel	Rodrigo	Acciona Energy North America Corporation	Generation Owner
Gray	Jeffrey (Jeff)	Gray LLC	None
Green	Chris	Tri Global Energy, LLC	None
Greenfield	Juanita	Davis Wright Tremaine	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
Gunn	Garan	Public Service Electric & Gas Company	Transmission Owner
Gupta	Dhruv	Electric Power Engineers, Inc.	None

Hagaman	Derek	GT Power Group	None
Han	Minnie	Enel Trading North America, LLC	Other Supplier
Harathi	Yashaswin	Imgenery Solutions	None
Heinle	Frederick (Erik)	Office of the Peoples Counsel for the District of Columbia	End-Use Customer
Herel	Suzanne	PJM Interconnection, LLC	None
Hibshman	Michael	Hexagon Energy	None
Hicks	Rebecca	Dominion Energy Generation Marketing, Inc.	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
Hua	Ling	Clearway Energy Group LLC	None
Hudson	Jeff	Urban Grid Solar Projects, LLC	Other Supplier
Hugee	Jacquelyn (Jacqui)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hyzinski	Tom	GT Power Group	None
Iler	Arthur (Art)	Indiana Office of Utility Consumer Counsel	End-Use Customer
Janapareddy	Anupama (Anu)	Green River Holdings, LLC	Generation Owner
Jayachandran	Marilyn	PJM Interconnection, LLC	None
Johnson	Carl	Customized Energy Solutions, Ltd.*	None
Johnson	Jamie	Williams	None
Johnson	Jessica	Timmons Group	None
Jones	Kimberly	North Carolina Utilities Commission	None
Jones	Peter	Energy Endeavors, LLC	Other Supplier
Karmakar	Abhijeet	EE Plus, Inc.	None
Kauffman	Brian	Enel X North America, Inc.	Other Supplier
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kidwell	Christopher	Duke Energy Business Services LLC	Transmission 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

Laios	Takis	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Lambert	Andrew	PJM Interconnection, LLC	None
Landa	Bulmaro	Algonquin Energy Services, Inc.	Generation Owner
Larabee	Haley	Cypress Creek Renewables, LLC	Generation Owner
Lazinski	Chris	BayWa Renewables	None
LeBlanc	Chloe	None	None
Leon	Miguel	PJM Interconnection, LLC	None
Li	Abbey	Mitsubishi Electric Power Products (MEPPI) USA	None
Lichtin	Steven	Go Electric Inc.	None
Linder	Nicholas	Ulteig	None
Liu	Jenny	Jupiter Power LLC	Other Supplier
Lopez	Annie	East Point Energy	None
Lopez-Lopez	Anthony	Bryndan Associates, Inc.	None
Lyakhovich	Leonid	Public Service Electric & Gas Company	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	None
Malcolm	Kimberly	FirstEnergy Corporation	Transmission Owner
Martin	Andrew	Other	None
Mathsen	Michael	Cargill Power Markets LLC	Other Supplier
McArdle	Brian	NextEra Energy Power Marketing, LLC	Other Supplier
McCarthy	Thomas (Tom)	Capital Power (US) Holdings Inc.	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
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Miller	Elizabeth	Rev Renewables	None
Mohler	Tina	PJM Interconnection, LLC	None
Muller	Hannah	Clearway Energy Group LLC	None
Murphy	Shaun	PJM Interconnection, LLC	None
Nedwick	Peter	Virginia Electric & Power Company	Transmission Owner
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

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
Patil	Ninad	PJM Interconnection, LLC	None
Paul	Conrad	FirstEnergy Corporation	Transmission Owner
Peacey	Denelle	TransAlta Energy Marketing (U.S.) Inc.	Other Supplier
Perkins	Anna	Scout Clean Energy	None
Pham	Bao	Old Dominion Electric Cooperative	Electric Distributor
Potter	Jeff	Renewable Energy International LLC	None
Price	Drew	Hexagon Energy	None
Price	Ruth	Division of the Public Advocate of the State of Delaware	End-Use Customer
Quarterman	Chris	Meridian Energy	None
Rana	Deepesh	Apex Clean Energy	None
Ranaweera	Aruna	Hecate Energy	None
Redding	Andrew	Heelstone Renewable Energy	None
Renzi	Kim	FirstEnergy Corporation	Transmission Owner
Richards Jr	Cleveland	Price Waterhouse Cooper	None
Robichaud	Donna	Geenex Solar LLC	Other Supplier
Rodriguez	Tomas	OPSI	None
Rogers	Steve	Exion Energy, Inc.	Other Supplier
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Scott	Alicia	BQ Energy LLC	None
Seeley	Dylan	PJM Interconnection, LLC	None
Seide	Richard	Apex Clean Energy	None
Seiler	Kenneth (Ken)	PJM Interconnection, LLC	None
Shah	Pulin	PECO Energy Company	Transmission Owner
Shaifer	James	NCRE Solar	None
Sharpe	Ian	Leeward Renewable Energy, LLC	None
Shoemaker	Jason	PJM Interconnection, LLC	None
Siegel	Tom	Long Road Energy	None
Silbernagel	Kyle	Kanin Energy	None
Sims	Mark	PJM Interconnection, LLC	None
Singh	Harliv	Northern States Power Company	Other Supplier
Soorya	Radha	Other	None

Sotkiewicz	Paul	E-Cubed Policy Associates	None
Spears	Ben	Urban Grid Solar Projects, LLC	Other Supplier
Speelman	Jennie	PJM Interconnection, LLC	None
Staples	Boone	Tenaska Power Services Co.	Generation Owner
Steichen	Renae	LS Power	None
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
Street	Jason	AES Ohio Generation, LLC	Generation Owner
Stuchell	Jeff	FirstEnergy Corporation	Transmission Owner
Stupar	Rob	Invenergy, LLC	Generation Owner
Suh	Jung	Calpine Energy Services, L.P.	Generation Owner
Sunderman	Derek	Tradewind Energy, Inc.	None
Swagata	Sengupta	Public Service Electric & Gas Company	Transmission Owner
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
Thornton	Matthew	Long Road Energy	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
VanBlargan	Bryna	Resource Investments	None
Vander Vorst	Aaron	Tradewind Energy, Inc.	None
Villarreal	Jose	Acciona Energy North America Corporation	None
Vogel	Charles	Oriden Power	None
Volpe	Mike	Open Road Renewables, LLC	None
Walker	Wes	Dominion Energy Generation Marketing, Inc.	Transmission 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	None

White	Brett	Other	None
Whitehead	Jeffrey	GT Power Group	None
Wieland	John	Leeward Renewable Energy, LLC	None
Wilches	Rafael	Public Service Electric & Gas Company	Transmission Owner
Williams	Lesley	Geenex Solar LLC	Other Supplier
Wolfe	Art	PJM Interconnection, LLC	None
Young	Brandon	Public Service Electric & Gas Company	Transmission Owner
Zhou	Feng	Plus Energy Storage	None