

Interconnection Process Reform Task Force MC Webinar Update

July 26, 2021

Issue Summary

Interconnection New Service requests have drastically increased over the past few years. The Interconnection Process Reform Task Force (IPRTF) will discuss challenges related to the interconnection process and look for opportunities to improve the process via the Consensus Based Issue Resolution (CBIR) process.

[Problem Statement](#)
[Issue Charge](#)

Problem Statement/Issue Charge approved at Planning Committee on April 6, 2021

Number of meetings: 3

1. June 29, 2021

During the third meeting, an educational presentation was provided on the Interim Interconnection Service Agreement to help ensure everyone understood its use. The PJM team provided details for the solution options of their proposal they had completed. Additional design components were also provided at the meeting. The CBIR matrix now contains 98 design components.

The next meeting is scheduled for July 19, 2021. The PJM team will provide details for the remainder of their solution options. The group has been tasked with using the gathered design components to begin crafting their desired solution options. The participants were also asked to work with others that may share the same interests to help consolidate the proposals.

Appendix I: Problem Statement Matrix

The current Problem Statement Matrix is located [here](#).

Appendix II: Stakeholder Participation

Last Name	First Name	Company	Sector
Abed	Abbas	Innergex Renewable USA LLC	Generation Owner
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner

Adams	Michael	Public Service Electric & Gas Company	Transmission Owner
Ahmed	Hamad	PJM Interconnection, LLC	None
Ainspan	Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Ali	Shadab	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Anand	Gangadharan	NOVI Energy LLC	
Anders	David	PJM Interconnection, LLC	None
Arsalan	Qamar	Public Service Electric & Gas Company	Transmission Owner
Awasthi	Shekhar	PJM Interconnection, LLC	None
Barker	Jason	Exelon Business Services Company, LLC	Transmission Owner
Bautista	Alejandro	PJM Interconnection, LLC	None
Berger	Stephen	PJM Interconnection, LLC	None
Berner	Aaron	PJM Interconnection, LLC	None
Bernstein	Matthew	PJM Interconnection, LLC	None
Berton	Tyler	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Bommareddy	Chandana	TRC Solutions	None
Borgatti	Michael	Gabel and Associates	None
Brodbeck	John	EDP Renewables North America, LLC	Generation Owner
Bruce	Susan	McNees Wallace & Nurick LLC	None
Callen	Zachary (Zac)	Illinois Commerce Commission	None
Canter	David	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Carmean	Gregory	OPSI	None
Cham	Edrissa	Tradewind Energy, Inc.	None
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Chilukuri	Kalyan	PSC Consulting	None
Chmielewski	Brian	PJM Interconnection, LLC	None
Chocarro Aguirrebengoa	Iker	E.ON Climate & Renewables North America, Inc.	Generation Owner
Choi	Wonbae	Samsung	None
Christopher	Mahila	Public Utilities Commission of Ohio (The)	None
Circelli	Roseanne	Public Service Electric & Gas Company	Transmission Owner
Clark	Casey	Diode Ventures	None
Connell	Jason	PJM Interconnection, LLC	None
Contino	Jarrett	EDP Renewables North America, LLC	Generation Owner
Copeland	Doug	EDF Trading North America, LLC	Other Supplier
Crawford	Byron	Amazon Energy LLC	Other Supplier
Curtis	Kenneth	Drilling Info, Inc.	None
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
Davis	Elizabeth (Becky)	PJM Interconnection, LLC	None
Davis	James (Jim)	Dominion Energy Generation Marketing, Inc.	Generation Owner
Delaney	Liz	Environmental Defense Fund	None
DeLosa	Joseph	DE Public Service Commission	None
Denby	Brett	NOVEC	None
Dixit	Anuj	Recurrent Energy, LLC	Other Supplier
Domian	Christin	Duquesne Light Company	Transmission Owner
Doroshkin	Nelli	CP Energy Marketing (US) Inc.	Other Supplier
Doud	Michael	Matrix Development LLC	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Echeverri	Julian	OPD Energy	None
Elkins	Rachel	FirstEnergy Corporation	Transmission Owner
Ericson	Christine	Illinois Commerce Commission	None
Fan	Zhenyu	PJM Interconnection, LLC	None
Feller	John	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Fernandes	Anisha	PJM Interconnection, LLC	None
Fidler	Danielle	Earthjustice	None
Filomena	Guy	Customized Energy Solutions, Ltd.*	None
Fink	Regan	Pine Gate Mid-Atlantic, LLC	Other Supplier
Fink	Sari	American Clean Power Association	None
Fleming	Jacqueline	Brandon Shores LLC	Generation Owner
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Foladare	Kenneth	Geenex Solar LLC	Generation Owner
Ford	Nicholas	Hexagon Energy, LLC	Developer
Franks	Ed	PJM Interconnection, LLC	None
Fuerst	Gary	American Transmission Systems, Inc.	Transmission Owner
Fuess	Christian	PBF Power Marketing, LLC	Generation Owner
Gahimer	Michael	IN Office of Utility Consumer Counselor	End-Use Customer
Gangadharan	Aditya	NOVI Energy LLC	None
De la Mora	Luis	Strom Power LLC	None
Gebauer	Nick	Akuo Energy	None
Gebolys	Debbie	Public Utilities Commission of Ohio (The)	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
Glennon	James	PJM Interconnection, LLC	None
Goldberger	Nitzan	Borrego Solar Systems	None
Graf	Walter	PJM Interconnection, 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
Haas	Howard	Monitoring Analytics, LLC	None
Hanser	Erik	Michigan Public Service Commission	None
Hastings	David	Market Interconnection Consulting Services (MICS)	None
Hathcock	Jason	Strata Solar	None
Hay	Joseph	PJM Interconnection, LLC	None
Heitmann	Paul	New Jersey Board of Public Utilities	None
Herel	Suzanne	PJM Interconnection, LLC	None
Herman	Michael	PJM Interconnection, LLC	None
Hoatson	Tom	Riverside Generating, LLC	Generation Owner
Hodgdon	Scott	Burns & McDonnell	None
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Howe	Cullen	Natural Resources Defense Council	None
Hudis	Gabriella	Jersey Green Energy LLC	Other Supplier
Hudson	Jeff	Urban Grid Solar Projects, LLC	Other Supplier
Hyzinski	Tom	GT Power Group	None
Iler	Arthur (Art)	Indiana Office of Utility Consumer Counsel	End-Use Customer
Janapareddy	Anupama	Green River Holdings, LLC	Generation Owner
Jayachandran	Marilyn	PJM Interconnection, LLC	None
Jenna	Warmuth	Nexamp	
Johnston	David	Indiana Utility Regulatory Commission	None
Jones	Peter	Energy Endeavors, LLC	Other Supplier
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kester	Colleen	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Kidwell	Christopher	Duke Energy Business Services LLC	Transmission Owner
Kilgallen	Kevin	Avangrid Renewables LLC	Generation Owner
Koepplinger	Alexandria	Michigan Public Service Commission	None
Kogut	George	New York Power Authority	Other Supplier
Konidena	Rao	Solar Micronics, Inc.	Other Supplier

Kou	Derek	Virginia Electric & Power Company	Transmission Owner
Kovler	Ed	PJM Interconnection, LLC	None
Kozhuharov	Dimitar	Delaware Municipal Electric Corporation, Inc.	Electric Distributor
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
Lawson	Ryen	Dominion Virginia Power	None
Linder	Nicholas	Ulteig	None
Lopez-Lopez	Anthony	Bryndan Associates, Inc.	None
Lousos	Alexandros	AMP Transmission, LLC	Transmission Owner
Lowe	Connie	Dominion Virginia Power	None
Lyakhovich	Leonid	Public Service Electric & Gas Company	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	None
Malcolm	Kimberly	FirstEnergy Corporation	Transmission Owner
Malladi	Brindavani	Arevo Energy	None
McArdle	Brian	NextEra Energy Power Marketing, LLC	Other Supplier
McCarthy	Tom	Capital Power (US) Holdings Inc.	None
McDewell	Christian	Commonwealth of PA	None
McGill	Susan	PJM Interconnection, LLC	None
McGlynn	Paul	PJM Interconnection, LLC	None
McManus	Kathleen (Kat)	Armada Power, LLC	Other Supplier
Medina	Jorge	OPD Energy	None
Mehta	Gaurav	Enel Trading North America, LLC	Other Supplier
Mekala	Karthik	RWE Renewables Americas, LLC	Generation Owner
Menhorn	Tiffany	Line Vision Inc.	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Morias	Matt	National Grid Renewables, LLC	None
Mott	Colin	Dominion Virginia Power	None
Murphy	Shaun	PJM Interconnection, LLC	None
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Nelis	Liz	NOVI Energy LLC	None
Nestel	Stacey	PJM Interconnection, LLC	None
Niu	Hui (Grace)	PJM Interconnection, LLC	None
Nix	Emma	Gable and Associates	None
Okenfuss	James	Savion, LLC	None
Ondayko	Brock	AEP Appalachian Transmission Company, Inc.	Transmission Owner

Panegal	Ash	Apex Clean Energy	None
Patel	Komal	PJM Interconnection, LLC	None
Peacey	Denelle	TransAlta Energy Marketing (U.S.) Inc.	Other Supplier
Pezalla	William	Old Dominion Electric Cooperative	Electric Distributor
Pham	Bao	Old Dominion Electric Cooperative	Electric Distributor
Plummer	Angela	GridSME	None
Poulos	Greg	CAPS	None
Pratt	Nicholas (Nick)	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Price	Ruth	Division of the Public Advocate of the State of Delaware	End-Use Customer
Ptak	Anton	EDF Renewable Energy	None
Qiu	Wenzheng	PJM Interconnection, LLC	None
Quevada	Jason	PJM Interconnection, LLC	None
Rahman	Subomi	Public Service Electric & Gas Company	Transmission Owner
Rainey	John	Northern Virginia Electric Cooperative	Electric Distributor
Rana	Deepesh	Apex Clean Energy	None
Ray	Bhaskar	Q Cells America Inc.	None
Redding	Andrew	Heelstone Renewable Energy	None
Richards Jr	Cleveland	Price Waterhouse Cooper	None
Robichaud	Donna	Geenex	None
Robinson	Clayton	Cordelio Power	None
Rodriguez	Tomas	OPSI	None
Rooney	Alexa	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Sajja	Pavan	Northern Indiana Public Service Company	Other Supplier
Samb	Massamba	Public Service Electric & Gas Company	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.*	None
Schmitt	David	New Jersey Board of Public Utilities	None
Schreim	Morris	Maryland Public Service Commission	None
Schuyler	Ken	PJM Interconnection, LLC	None
Seide	Richard	Apex Clean Energy	None
Seiler	Kenneth (Ken)	PJM Interconnection, LLC	None
Shah	Pulin	PECO Energy Company	Transmission Owner
Sharpe	Ian	Leeward Renewable Energy, LLC	None
Shoemaker	Jason	PJM Interconnection, LLC	None
Sims	Mark	PJM Interconnection, LLC	None
Singh	Harliv	Northern States Power Company	Other Supplier
Sotkiewicz	Paul	E-Cubed Policy Associates	None
Souder	David (Dave)	PJM Interconnection, LLC	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
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	Enel Trading North America, LLC	Other Supplier
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
Tribulski	Jennifer	PJM Interconnection, LLC	None
Vander Vorst	Aaron	Tradewind Energy, Inc.	None
Walch	Ian	Enchanted Rock, LLC	None
Watson	Jeanine	PJM Interconnection, LLC	None
Wehnes	Kathleen	Maryland Public Service Commission	None
White	Brett	Other	None
Whitehead	Jeffrey	GT Power Group	None
Widom	Stuart	PJM Interconnection, LLC	None
Williams	Lesley	Geenex Solar LLC	Other Supplier
Wisersky	Megan	Madison Gas & Electric Company	Other Supplier
Wolfe	Art	PJM Interconnection, LLC	None
Yochelson	Cheri	Dominion Virginia Power	None
Young	Brandon	Public Service Electric & Gas Company	Transmission Owner
Yovanovich	Laura	PJM Interconnection, LLC	None
Zamani	Vahraz	Grid Bright	None
Zhou	Feng	Plus Energy Storage	None