

Emerging Technologies Forum

WebEx Only

March 17, 2021

9:00 a.m. – 12:00 p.m. EPT

Announcement

1. ETF meeting frequency is changing to a quarterly meeting format.

Administration

1. Yuri Smolanitsky, PJM, made announcements, and review the Antitrust, Code of Conduct, Public Meeting/Media Participation Guidelines, and the WebEx Participant Identification Requirement. Stakeholders endorsed the draft minutes from the January 11, 2021 meeting with no objections and no abstentions registered.
2. Yuri Smolanitsky, PJM, publicized about DLR special session, OC Special Session, scheduled for March 30, 2021.

2021 ETF road map

3. Scott Baker, PJM, provide an update on re-issuing a poll for stakeholders related to emerging technologies.
4. Eric Hsia and Natalie Tacka, PJM, solicited feedback on the ETF road map review.

Topic Discussions

5. Marginal Emission Rates
 - a. Tom Zadlo, PJM, discussed Marginal Emission Rates in Data Miner 2.
6. E3X Technology Pilot
 - a. William Allen, Exelon, and Joe Coffrey, Prysmian Group discussed E3X pilot coating for transmission lines.

Future Agenda Items

Participants had the opportunity to request the addition of any new item(s) to the agenda of a future meeting.

Future Meeting Dates

June 14, 2021

1:00 p.m.

WebEx

Action Items

1. Develop a list of current pilot projects and update such a list with some periodicity (quarterly). List to include additional attributes, such as category, project progress, and project timelines.

- Pending successful implementation of marginal emission rates in Data Miner 2, publish explanation on how rates are being calculated (white paper). Provide use case examples for the data set.

WebEx/Teleconference Attendance

Last Name	First Name	Company Name	Sector
Ali	Shadab	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Allen	William	Commonwealth Edison Company	Transmission Owner
Anders	David	PJM Interconnection	None
Anderson	Jared	S&P Global	Not Applicable
Baine	Melinda	Appalachian Power Company (APCO. Dedicated)	Transmission Owner
Baker	Jeff	PJM Interconnection	None
Baker	Scott	PJM Interconnection	None
Benchek	Jim	FirstEnergy Corporation	None
Bernabeu	Emanuel	PJM Interconnection	None
Bleiweis	Bruce	DC Energy LLC	Other Supplier
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Burnham	Kat	Advanced Energy Economy	None
Burns	Kevin	Burns & McDonnell	Not Applicable
Canter	David	Appalachian Power Company (AEP Generation)	Transmission Owner
Carmean	Gregory	Organization of PJM States, Inc.	None
Chmielewski	Brian	PJM Interconnection	None
Christopher	Mahila	Public Utilities Commission of Ohio	Not Applicable
Ciabattoni	Joseph	PJM Interconnection	None
Cintron Cuevas	Rafael	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Coffey	Joseph	Prysmian Group	None
Croop	Danielle	PJM Interconnection	None
D'Alessandris	Louis	American Transmission Systems, Inc.	Transmission Owner
Davis	James	Dominion Energy Generation Marketing, Inc.	Generation Owner
Dixon	Chad	Viridity Energy, Inc.	Other Supplier
Dolan	Ryan	Dayton Power & Light Company (The) (EDC)	Transmission Owner
Dumitriu	Nicolae	PJM Interconnection	None
Elkins	Rachel	American Transmission Systems, Inc.	Transmission Owner
Engel	Kristine	LineVision	None
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Foladare	Kenneth	Geenex Solar LLC	Generation Owner
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Fortini	Michael	DTE Energy Trading, Inc.	Other Supplier
Fuess	Christian	PBF Power Marketing LLC	Generation Owner
Gilani	Rehan	ConEdison Energy, Inc.	Other Supplier
Glatz	Suzanne	PJM Interconnection	None
Granstrand	Luke	Dominion Energy Generation Marketing, Inc.	Generation Owner
Greening	Michele	PJM Interconnection	None

Hastings	David	Market Interconnection Consulting Services (MICS)	Not Applicable
Heinle	Erik	DC Office of the Peoples' Counsel	None
Helm	Gary	PJM Interconnection	None
Herel	Suzanne	PJM Interconnection	None
Hislop	David	PJM Interconnection	None
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holstein	Matt	Duke Energy Carolinas, LLC	Other Supplier
Holter	Natasha	PJM Interconnection	None
Horger	Tim	PJM Interconnection	None
Horning	Lynn Marie	Customized Energy Solutions, Ltd.	None
Howe	Cullen	NRDC	None
Hsia	Eric	PJM Interconnection	None
Hugee	Jacquelynn	PJM Interconnection	None
Hurwich	Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyzinski	Tom	GT Power Group, LLC	None
Iler	Art	Indiana Office of Utility Consumer Counsel	End-Use Customer
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jens	Tom	Black Oak Capital, LLC	Other Supplier
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnston	Dave	IURC	None
Kirby	Neil	GE Grid Solutions	None
Kogut	George	New York Power Authority	Other Supplier
Kopinski	John	ITC Interconnection LLC	Transmission Owner
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
Lejcar	Jamie	Allegheny Electric Cooperative, Inc.	Electric Distributor
Leon	Miguel	PJM Interconnection	None
lowey	Joseph	Prysmian Group	None
Mabry	David	McNees Wallace & Nurick LLC	None
mack	katelyn	Prysmian Group	None
Mangonon	Roleto	Rockland Electric Company	Transmission Owner
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	None
Matheson	Eric	Pennsylvania Public Utility Commission	Not Applicable
Mccartha	Esrick	PJM Interconnection	None
Menhorn	Tiffany	LineVision	None
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Murphy	Shaun	PJM Interconnection	None
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Niu	Grace	PJM Interconnection	None
Parkison	Sara	University of Delaware	None
Peoples	John	Duquesne Light Company	Transmission Owner
Poulos	Greg	Consumer Advocates of the PJM States, Inc	Not Applicable

Rodriguez	Tomas	Organization of PJM States, Inc.	None
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Roettker	Joe	Duke Energy Ohio, Inc.	Transmission Owner
Ryan	Strom	Buckeye Power, Inc	Electric Distributor
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Schuyler	Ken	PJM Interconnection	None
Shegarfi	Roosbeh	Exelon Energy Company	Transmission Owner
Singer	Chad	Trane Grid Services, LLC	Other Supplier
Singh	Harliv	PJM Interconnection	None
Smolanitsky	Yuri	PJM Interconnection	None
Socha	Bernard	UGI Utilities, Inc.	Transmission Owner
Stern	Alexander	Public Service Electric & Gas Company	Transmission Owner
Stupar	Rob	Invenergy, LLC	Generation Owner
Svenson	Heather	Public Service Electric & Gas Company	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	GT Power Group, LLC	None
Tacka	Natalie	PJM Interconnection	None
Taylor	Robert	Commonwealth Edison Company	Transmission Owner
Thundiyl	Kevin	Exelon Generation Co., LLC (NEV_XLON)	Generation Owner
Wehnes	Kathleen	Maryland Department of the Environment	None
Wehr	Christopher	Ohio Edison Company	Transmission Owner
Whitehead	Jeff	GT Power Group, LLC	None
Willey	Amy	Delaware Public Service Commission	None
Wisersky	Megan	Madison Gas & Electric Co.	Other Supplier
Yoder	Michael	RTO Insider	Not Applicable
Zadlo	Thomas	PJM Interconnection	None

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