

Markets & Reliability Committee PJM Conference and Training Center / WebEx June 29, 2022 9:00 a.m. – 12:25 p.m. EPT

Administration

Stu Bresler and David Anders welcomed stakeholders and provided the Anti-trust, Code of Conduct, and Meeting Participation announcements.

Consent Agenda

Items A and B were **approved/endorsed** by acclamation with no objections or abstentions:

- A. Minutes of the May 25, 2022 meeting of the Markets and Reliability Committee (MRC).
- B. Proposed revisions to Manual 29: Billing resulting from its periodic review.

Endorsements

1. <u>Service on PJM for Rate and Waiver Filings under Governing Agreements</u>

Steve Pincus reviewed a proposed Problem Statement and Issue Charge addressing service to PJM of Members' Tariff rate and waiver filings under PJM Governing Agreements. Stakeholders offered several suggested updates to the Issue Charge, including the venue and potential scope limitation. Joe Bowring, Independent Market Monitor (IMM), discussed incorporation into the Problem Statement and Issue Charge of notification of the IMM of certain filings. Following discussion, the proposed Problem Statement and Issue Charge were withdrawn to allow consideration of stakeholder comments. PJM will consider holding an education session with stakeholders prior to bringing an updated Problem Statement and Issue Charge to the MRC.

2. Operating Committee Charter

Paul McGlynn presented proposed revisions to the Operating Committee Charter. Following discussion the proposed revisions were **<u>approved</u>** by acclamation with no objections and one abstention.

First Readings

3. Application of Designated Entity Agreement

Denise Foster, EKPC on behalf of joint TO sponsors, and Greg Poulos, CAPS on behalf of the Delaware Division of the Public Advocate and the New Jersey Division of the Rate Counsel, reviewed proposed Issue Charges seeking to address the terms & conditions and the application of Designated Entity Agreement. The committee will be asked to approve a proposed Issue Charge at its next meeting.

Issue Tracking: Application of Designated Entity Agreement



4. Market Seller Offer Cap

Dave Anders and Pat Bruno reviewed proposed revisions to the Market Seller Offer Cap (MSOC) as endorsed by the Resource Adequacy Senior Task Force (RASTF). The committee will be asked to endorse the proposed Tariff revisions at its next meeting. <u>Issue Tracking: Capacity Market Reform</u>

- 5. <u>Manuals</u>
 - A. Jack O'Neill reviewed conforming changes to Manual 01: Control Center and Data Exchange Requirements, Manual 18: PJM Capacity Market, and Manual 28: Operating Agreement Accounting to support the implementation of new testing requirements which were approved in Docket No. ER19-1590 and will become effective with the 2023/2024 Delivery Year. The committee will be asked to endorse the proposed revisions at its next meeting. <u>Issue Tracking: Load Management Testing Requirements</u>
 - B. Dave Egan reviewed proposed revisions to Manual 14D: Generator Operational Requirements to support the process timing changes for generation deactivations. The committee will be asked to endorse the proposed revisions at its next meeting. Issue Tracking: Deactivation Analysis Period
 - C. Tom Hauske reviewed proposed revisions to Manual 28: Operating Agreement Accounting to support the Startup Cost Offer Development proposal the committee endorsed at the April 2022 meeting. The committee will be asked to endorse the proposed revisions at its next meeting. <u>Issue Tracking: Start-Up Cost Offer Development</u>

Informational Report

6. Load Shed and Performance Assessment Interval (PAI) Event Update

Paul McGlynn, Becky Carroll, and Phil D'Antonio provided an informational update regarding the recent load shed and PAI events that occurred in June.

7. Base Residual Auction (BRA) Auction Results

Pete Langbein provided a review of the 2023/2024 Base Residual Auction (BRA) results posted on June 21, 2022.

8. Informational Update on NOPRs

Ken Seiler provided an update on the three recent NOPRs issued regarding planning and operational topics.

- A. RM22-14-000, Notice of Proposed Rule Making ("NOPR"), Improvements to Generator Interconnection Procedures and Agreements ("Interconnection NOPR").
- B. RM22-10-000 Notice of Proposed Rulemaking on Transmission System Planning Performance Requirements for Extreme Weather ("NOPR on Planning Performance for Extreme Weather").



C. RM22-16-000, Notice of Proposed Rulemaking to propose to direct Transmission Providers to submit one-time informational reports on extreme weather vulnerability assessments, climate change, extreme weather and electric system reliability ("One-Time Information Report NOPR").

Informational Posting Only

9. PJM Manual 03 Attachment E Automatic Sectionalizing Schemes

The PJM Manual 03 Attachment E Automatic Sectionalizing Schemes Pending Approval and Recent Changes document was as an Information Only item to the June MRC meeting materials.

Future Agenda Items

No new future agenda items were identified.

	F	uture Meeting Dates and Materials	Materials Due to Secretary	Materials Published
Date	Time	Location		
July 27, 2022	9:00 a.m.	PJM Conference & Training Center and WebEx	July 15, 2022	July 20, 2022
August 24, 2022	9:00 a.m.	PJM Conference & Training Center and WebEx	August 12, 2022	August 17, 2022
September 21, 2022	9:00 a.m.	PJM Conference & Training Center and WebEx	September 9, 2022	September 14, 2022
October 24, 2022	1:00 p.m.	Hyatt Regency Chesapeake Bay Golf Resort, Spa and Marina in Cambridge, MD	October 12, 2022	October 17, 2022
November 16, 2022	9:00 a.m.	PJM Conference & Training Center and WebEx	November 4, 2022	November 9, 2022
December 21, 2022	9:00 a.m.	PJM Conference & Training Center and WebEx	December 9, 2022	December 14, 2022

Author: D. Anders

Chair/Secretary

Last Name	First Name	Company	Sector
Bresler	Stu	PJM Interconnection LLC	Not Applicable
Anders	Dave	PJM Interconnection LLC	Not Applicable

Voting Attendees

Last Name	First Name	Company	Sector
Bruce	Susan	Letterkenny Industrial Development Authority - PA	Electric Distributor
Bruce	Susan	Wellsboro Electric Company	Electric Distributor
Ford	Adrien	Old Dominion Electric Cooperative	Electric Distributor
Johnson	Carl	Blue Ridge Power Agency, Inc.	Electric Distributor
Johnson	Carl	Borough of Chambersburg	Electric Distributor
Johnson	Carl	Borough of Mont Alto, Pennsylvania	Electric Distributor
Johnson	Carl	Buckeye Power, Inc.	Electric Distributor
Johnson	Carl	Central Virginia Electric Cooperative	Electric Distributor
Johnson	Carl	City of Dover, Delaware	Electric Distributor
Johnson	Carl	Delaware Municipal Electric Corporation, Inc.	Electric Distributor



Johnson	Carl	Easton Utilities Commission	Electric Distributor
Johnson	Carl	Hagerstown Light Department	Electric Distributor
Johnson	Carl	Illinois Municipal Electric Agency	Electric Distributor
Johnson	Carl	Indiana Municipal Power Agency	Electric Distributor
Johnson	Carl	Michigan Public Power Agency	Electric Distributor
Johnson	Carl	North Carolina Electric Membership Corporation	Electric Distributor
Johnson	Carl	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Thurmont Municipal Light Company	Electric Distributor
Johnson	Carl	Town of Williamsport (The)	Electric Distributor
Lieberman	Steven	American Municipal Power, Inc.	Electric Distributor
Long	Scott	Allegheny Electric Cooperative, Inc.	Electric Distributor
Rohrbach	John	Kentucky Municipal Energy Agency	Electric Distributor
		Southern Maryland Electric Cooperative, Inc.	
Rohrbach	John		Electric Distributor
Rohrbach	John	Wabash Valley Power Association, Inc.	Electric Distributor
Vayda	Brian	Borough of Butler, Butler Electric Division	Electric Distributor
Vayda	Brian	Borough of Lavallette, New Jersey	Electric Distributor
Vayda	Brian	Borough of Madison, New Jersey	Electric Distributor
Vayda	Brian	Borough of Milltown, New Jersey	Electric Distributor
Vayda	Brian	Borough of Park Ridge, New Jersey	Electric Distributor
Vayda	Brian	Borough of Pemberton, New Jersey	Electric Distributor
Vayda	Brian	Borough of Seaside Heights, New Jersey	Electric Distributor
Vayda	Brian	Borough of South River, New Jersey	Electric Distributor
Vayda	Brian	Vineland Municipal Electric Utility	Electric Distributor
Bruce	Susan	Lehigh Portland Cement Company	End-Use Customer
Bruce	Susan	Linde Inc.	End-Use Customer
Bruce	Susan	MeadWestvaco Corporation	End-Use Customer
Bruce	Susan	Messer LLC	End-Use Customer
Bruce	Susan	Procter & Gamble Paper Products Company (The)	End-Use Customer
Bruce	Susan	Trustees of the University of Pennsylvania	End-Use Customer
Fuess	Christian	Kuehne Chemical Company, Inc.	End-Use Customer
Fuess	Christian	PBF Power Marketing, LLC	End-Use Customer
Heinle	Frederick	Office of the People's Counsel for the District of Columbia	End-Use Customer
Poulos	Greg	Delaware Division of the Public Advocate	End-Use Customer
Poulos	Greg	Illinois Citizen Utility Board	End-Use Customer
Poulos	Greg	New Jersey Division of Rate Counsel	End-Use Customer
Poulos	Greg	West Virginia Consumer Advocate Division	End-Use Customer
Bruce	Susan	Air Products & Chemicals, Inc.	End-Use Customer
Bruce	Susan	Cleveland-Cliffs Steel LLC	End-Use Customer
Bruce	Susan	Gerdau Ameristeel Energy, Inc.	End-Use Customer
Barker	Jason	Constellation Energy Generation, LLC	Generatio Owner
Bruce	Susan	Kimberly-Clark Corporation	Generation Owner
Fuess	Christian	Diamond State Generation Partners, LLC	Generation Owner
Fuess	Christian	NextPower III US Holdco Inc.	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Hyzinski	Thomas	Carroll County Energy LLC	Generation Owner
Hyzinski	Thomas	Dynegy Marketing and Trade, LLC	Generation Owner
Hyzinski	Thomas	GenOn Energy Management, LLC	Generation Owner
Jardot	Gina	NRG Power Marketing LLC	Generation Owner
Keenan	Matthew	Elwood Energy, LLC	Generation Owner
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Rohrbach	John	Big Savage, LLC	Generation Owner
Scarpignato	David	Calpine Energy Services, L.P.	Generation Owner
Whitehead	Jeffrey	Eastern Generation, LLC	Generation Owner
Whitehead	Jeffrey	Essential Power Rock Springs, LLC	Generation Owner
Whitehead	Jeffrey	Wheelabrator Falls Inc.	Generation Owner
Bleiweis	Bruce	DC Energy, LLC	Other Supplier



Breidenbaugh	Aaron	Centrica Business Solutions Optimize, LLC	Other Supplier
Bruce	Susan	Industrial Energy Users-Ohio	Other Supplier
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Fuess	Christian	Icetec.com, Inc.	Other Supplier
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Johnson	Carl	Energy Cooperative Association of Pennsylvania (The)	Other Supplier
Johnson	Carl	WPPI Energy	Other Supplier
Kauffman	Brian	Enel X North America, Inc.	Other Supplier
Kauffman	Brian	Open Road Renewables, LLC	Other Supplier
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier
Swalwell	Bradley	Tangent Energy Solutions, Inc.	Other Supplier
Swigonski	Frank	Pine Gate Mid-Atlantic, LLC	Other Supplier
Benchek	Jim	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Canter	David	Appalachian Power Company	Transmission Owner
Davis	James	Virginia Electric & Power Company	Transmission Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Dorner	Amber	Rockland Electric Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Islam	Lubaba	Rockland Electric Company	Transmission Owner
Stern	Alex	Public Service Electric and Gas Company	Transmission Owner
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Yovanovich	Laura	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner

Non-Voting Attendees

Last Name	First Name	Company	Sector
Adams	Darrin	East Kentucky Power Cooperative, Inc.	Transmission Owner
Anderson	Jared	S&P Global Inc.	Not Applicable
Bainbridge	Thomas	Energy Harbor LLC	Generation Owner
Baker	Jeff	Duke Energy Business Services LLC	Transmission Owner
Baker	Laura	Stone Mattheis Xenopoulos & Brew, Pc	Not Applicable
Bautista	Alejandro	Exelon Business Services Company, LLC	Transmission Owner
Berton	Tyler	Appalachian Power Company	Transmission Owner
Bigelow	Christina	Pine Gate Mid-Atlantic, LLC	Other Supplier
Borgatti	Michael	Gable Associates	Not Applicable
Bowring	Joe	Monitoring Analytics	Not Applicable
Brady	George	Ohio Valley Electric Corporation	Transmission Owner
Brouillette	Kyle	Indiana Municipal Power Agency	Electric Distributor
Brown	William	VECO Power Trading, LLC	Other Supplier
Bunch	Kevin	EDF Energy Services, LLC	Other Supplier
Burbure	Stacy	Appalachian Power Company	Transmission Owner
Callen	Zachary	Illinois Commerce Commission	Not Applicable
Campbell	Bruce	Campbell Energy Advisors	Not Applicable
Carmean	Gregory	OPSI	Not Applicable
Colaresi	Chandra	C-Power	Not Applicable
Corash	Richard	Public Service Electric and Gas Company	Transmission Owner
Crystle	Gil	UGI Energy Services, LLC	Other Supplier
Dion	Kevin	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Dorko	Keri	Monitoring Analytics	Not Applicable
Drom	Richard	RAD LLC	Not Applicable
Duensing	Allison	Saracen Power LP	Other Supplier
Elkins	Rachel	Energy Harbor LLC	Generation Owner
Ericson	Christine	Illinois Commerce Commission	Not Applicable
Evrard	David	Pennsylvania Office of Consumer Advocate	End-Use Customer
Fadley	Rob	Puco	Not Applicable
Fall	Maguette	EDF Renewable Energy	Not Applicable



Fewless	Dwayne	ReliabilityFirst	Not Applicable
Filomena	Guy	Customized Energy Solutions, Ltd.*	Not Applicable
Fink	Sari	American Clean Power	Not Applicable
Fishback	Luke	Affirmed Energy LLC	Other Supplier
Fitch	Neal	NRG Power Marketing LLC	Generation Owner
Foster Cronin	Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Gaddes	Caleb	Lightsource BP	Not Applicable
Garnett	Bryan	Duke Energy Business Services LLC	Transmission Owner
Gates	Terry	AEP Energy, Inc.	Transmission Owner
Gebolys	Debra	Public Utilities Commission	Not Applicable
Gilani	Rehan	Consolidated Edison Energy, Inc.	Other Supplier
Glover	Robert	New Jersey Division of Rate Counsel	End-Use Customer
Gordon	Jon	Appalachian Power Company	Transmission Owner
Gorman	Bradley	Energy Harbor LLC	Generation Owner
Gorman	Chris	DV Trading, LLC	Other Supplier
Greene	Benjamin	Appalachian Power Company	Transmission Owner
Greiner	Gary	Public Service Electric and Gas Company	Transmission Owner
Gunn	Garan	Public Service Electric and Gas Company	Transmission Owner
Guntle	Vince		
		American PowerNet Management, L.P.	End-Use Customer
Halay	Alina	FERC	Not Applicable
Hanley	Maria	FERC	Not Applicable
Hanser	Erik	Michigan Public Service Commission	Not Applicable
Haugh	Michael	Ohio Consumers' Counsel	End-Use Customer
Hepplewhite	Peter	Wrigley Capital LLC	Other Supplier
Herbert	Sebastian	DC Energy, LLC	Other Supplier
Horning	Lynn	Customized Energy Solutions, Ltd.*	Not Applicable
Hudis	Gabriella	Gabel Associates	Not Applicable
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hurwich	Mark	Elliott Bay Energy Trading, LLC	Other Supplier
Hyzinski	Thomas	GT Power Group, LLC	Not Applicable
ller	Arthur	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Jett	William	Duke Energy Business Services LLC	Transmission Owner
Johnston	David	Indiana Utility Regulatory Commission	Not Applicable
Kalaskar	Rahul	Appalachian Power Company	Transmission Owner
Kelly	Stephen	Brookfield Energy Marketing LP	Other Supplier
Kent	Janessa	Duquesne Light Company	Transmission Owner
Laios	Takis	Appalachian Power Company	Transmission Owner
Lawson	Robert	Dominion Energy Generation Marketing, Inc.	Generation Owner
Liang-Nicol	Cecilia	American Transmission Systems, Inc.	Transmission Owner
Lipman	Brian	New Jersey Division of Rate Counsel	End-Use Customer
Louwahi	Soufiane	EPE Consulting	Not Applicable
Luna	Joel	Monitoring Analytics	Not Applicable
Lynch	Victoria	Dynegy Energy Services, LLC	Other Supplier
Marinelli	Rich	Public Service Electric and Gas Company	Transmission Owner
Martin	Valerie	FERC	Not Applicable
Matheson	Eric	Delaware Public Service Commission	Not Applicable
Matteson	Lisa	Avangrid Renewables, LLC	Generation Owner
Matuszak	Alex	UGI Energy Services, LLC	Other Supplier
Matuszak	Lisa	American Municipal Power, Inc.	Electric Distributor
McClelland	Maura	PUCO	Not Applicable
McDewell	Christian	Pennsylvania Public Utilities Commission	Not Applicable
McNeil	Justin	Kentucky Public Service Commission	Not Applicable
Mekala	Karthik	RWE Renewables Americas, LLC	Generation Owner
Miller	John	Commonwealth Edison Company	Transmission Owner
Mohler	Shaun	Stone Mattheis	Not Applicable
Mooney	Jeff	Energy Harbor LLC	Generation Owner



Моуе	Bob	Tyr Energy, LLC	Other Supplier
Моуо	Bob	Charles River Associates	Not Applicable
Murmello	Michael	Centrica Business Solutions Optimize, LLC	Other Supplier
Nadel	Steven	PPL Electric Utilities Corporation d/b/a PPL Utilities	Transmission Owner
Nader	Jordan	Public Staff - North Carolina Utilities Commission	End-Use Customer
Olinger	Robert	Gen Ops, LLC	Other Supplier
Olinger	Robert	Appalachian Power Company	Transmission Owner
Ondayko	Brock A.	Appalachian Power Company	Transmission Owner
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Parrot	Sarah	PUCO	Not Applicable
Peoples	John	Duquesne Light Company	Transmission Owner
Price	Mark	DC Energy, LLC	Other Supplier
Procuniar	Jason	Buckeye Power, Inc.	Electric Distributor
Reagan	Ryan	New Jersey Board of Public Utilities	Not Applicable
Sloan	Ben	OPSI	Not Applicable
Smith	Kara	Buckeye Power, Inc.	Electric Distributor
Sotkiewicz	Paul	E-Cubed Policy Associates	Not Applicable
Sparks	Bridget	Appalachian Power Company	Transmission Owner
Stanfill	Susan	Pine Gate Mid-Atlantic, LLC	Other Supplier
Stone	Andy	Gabel Associates	Not Applicable
Stuchell	Jeff	Energy Harbor LLC	Generation Owner
Suerst	Gary	Energy Harbor LLC	Generation Owner
Suh	Jung	Calpine Energy Solutions, LLC	Other Supplier
Sussler	Philip	Maryland Office of People's Counsel	End-Use Customer
Svenson	Heather	Public Service Electric and Gas Company	Transmission Owner
Sweeney	Rory	Power Prose	Not Applicable
Szeto	Connie	Orsted Onshore North America, LLC	Generation Owner
Szot	Lisa	Strata Clean Energy	Not Applicable
Tibbetts	Maeve	K & L Gates	Not Applicable
Vendetti	Richard	Cleveland Public Power	Not Applicable
Vonplagenhoef	Rown	Charles River Associates	Not Applicable
Walcavich	Colin	National Grid Renewables	Not Applicable
Walker	Jennifer	Exelon Business Services Company, LLC	Transmission Owner
Wehnes	Kathleen	Maryland Department of the Environment	Not Applicable
Weston	Bruce	000	Not Applicable
Wilson	James	Wilson Energy Economics	Not Applicable
Zemanek	Kevin	Buckeye Power, Inc.	Electric Distributor

PJM Attendees

Last Name	First Name	Company	Sector
Bennett	Stephen	PJM Interconnection, LLC	Not Applicable
Bing	Congnei	PJM Interconnection, LLC	Not Applicable
Boyle	Glen	PJM Interconnection, LLC	Not Applicable
Buehler	Susan	PJM Interconnection, LLC	Not Applicable
Caven	Augustine	PJM Interconnection, LLC	Not Applicable
Connell	Jason	PJM Interconnection, LLC	Not Applicable
Delviscio	Mike	PJM Interconnection, LLC	Not Applicable
Dent	Duane	PJM Interconnection, LLC	Not Applicable
Egan	Amanda	PJM Interconnection, LLC	Not Applicable
Egan	David	PJM Interconnection, LLC	Not Applicable
Foley	Sheila	PJM Interconnection, LLC	Not Applicable
Foley	Pauline	PJM Interconnection, LLC	Not Applicable
Franks	Chris	PJM Interconnection, LLC	Not Applicable
Gates	Jill	PJM Interconnection, LLC	Not Applicable
Glatz	Suzanne	PJM Interconnection, LLC	Not Applicable
Glazer	Craig	PJM Interconnection, LLC	Not Applicable



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Hsia	Eric	PJM Interconnection, LLC	Not Applicable
Kazerooni	Hamid	PJM Interconnection, LLC	Not Applicable
Kenney	Susan	PJM Interconnection, LLC	Not Applicable
Lai	Erin	PJM Interconnection, LLC	Not Applicable
Langbein	Pete	PJM Interconnection, LLC	Not Applicable
Lee	Ray	PJM Interconnection, LLC	Not Applicable
Lockwood	Dan	PJM Interconnection, LLC	Not Applicable
Long	Glenn	PJM Interconnection, LLC	Not Applicable
Lu	Chen	PJM Interconnection, LLC	Not Applicable
Lynch	Jessica	PJM Interconnection, LLC	Not Applicable
Mali	Gizella	PJM Interconnection, LLC	Not Applicable
Marcino	Angelo	PJM Interconnection, LLC	Not Applicable
Marzewski	Skyler	PJM Interconnection, LLC	Not Applicable
McElwaine	Kathy	PJM Interconnection, LLC	Not Applicable
McLaverty	Megan	PJM Interconnection, LLC	Not Applicable
Muhl	Nancy	PJM Interconnection, LLC	Not Applicable
Oakes	Brian	PJM Interconnection, LLC	Not Applicable
O'Neill	Jack	PJM Interconnection, LLC	Not Applicable
Panchal	Hitesh	PJM Interconnection, LLC	Not Applicable
Pincus	Steven	PJM Interconnection, LLC	Not Applicable
Robinson	Charles	PJM Interconnection, LLC	Not Applicable
Rogers	Sarah	PJM Interconnection, LLC	Not Applicable
Salmon	Lisa	PJM Interconnection, LLC	Not Applicable
Scheirer	Alex	PJM Interconnection, LLC	Not Applicable
Schweizer	David	PJM Interconnection, LLC	Not Applicable
Seiler	Ken	PJM Interconnection, LLC	Not Applicable
Sims	Mark	PJM Interconnection, LLC	Not Applicable
Souder	Dave	PJM Interconnection, LLC	Not Applicable
Stanisz	Mark	PJM Interconnection, LLC	Not Applicable
Stemetzki	Michael	PJM Interconnection, LLC	Not Applicable
Stotesbury	Christina	PJM Interconnection, LLC	Not Applicable
Swimm	Nora	PJM Interconnection. LLC	Not Applicable