



Transmission Expansion Advisory Committee WebEx/Conference & Training Center October 3, 2023 11:00 a.m. – 3:00 p.m. EPT

Administration (11:00-11:05)

1. Welcome, announcements and review of the Anti-trust, Code of Conduct, and Media Participation Guidelines. Review Transmission Expansion Advisory Committee Agenda for this meeting.

RTEP Updates (11:05-3:00)

1. Network Upgrades Update

Awais Ghayas, PJM, provided an update on Network Upgrades.

2. Generation Deactivation Notification

Perry NG, PJM, provided an update on generation deactivations.

3. Market Efficiency Update

Nicolae Dumitriu and Xu Xu, PJM, provided an update on Market Efficiency.

4. AEP Supplemental Projects

AEP Planning presented needs for supplemental projects in the AEP area.

5. Penelec Supplemental Projects

Penelec Planning presented needs for supplemental projects in the Penelec area.

6. APS Supplemental Projects

APS Planning presented needs for supplemental projects in APS.

7. JCPL Supplemental Projects

JCPL Planning presented needs for supplemental projects in JCPL.

8. **Dominion Supplemental Projects**

Dominion Planning presented needs for supplemental projects in Dominion.

9. **PECO Supplemental Projects**

PECO Planning presented needs for supplemental projects in the PECO area.

10. ComEd Supplemental Projects

ComEd Planning presented needs for supplemental projects in the ComEd area.

11. Reliability Analysis Update

Sami Abdulsalam, PJM, reviewed updates regarding 2022 Window 3.

Informational Posting

1. Informational Only – M-3 Process Needs Status





This spreadsheet allows stakeholders to track process defined in Open Access Transmission Tariff, Attachment M-3 and leading to the development of the supplemental projects.

2. Informational Only - Aggregate Maps for Supplemental Projects

Aggregate geographic representation of supplemental projects not previously included in Local Plan.

3. Informational Only - Planning Community Open Questions

Open questions regarding M-3 projects received through Planning Community.

Future Meeting Dates and Materials		Materials Due	Materials Published	
Date	Time	Location	to Secretary	Materials Published
Tuesday, December 5, 2023	1:00pm – 3:00pm	WebEx / Conference & Training Center	Wednesday, November 22,2023	Thursday, November 30, 2023

Attendance List Last Name First Name Company Sector Abate Stephen **Duquesne Light Company** Transmission Owner Abdulsalam Sami PJM Interconnection Abdur-Rahman Muhsin Dynegy Marketing & Trade, LLC (DECAM) Generation Owner CAPS Ackerman Andrea Adams Darrin East Kentucky Power Cooperative, Inc. Transmission Owner Adnan Khan NextEra Energy Transmission, LLC Other Supplier PJM Interconnection Ahmed Hamad None Ali NextEra Energy Transmission, LLC Shadab Other Supplier William Commonwealth Edison Company Allen Transmission Owner Amare Kunal Virginia Electric & Power Company Transmission Owner PJM Interconnection Amoling Leo Anders David PJM Interconnection None Anderson Heather Northern Virginia Electric Cooperative (NOVEC) Electric Distributor Anderson Juliet Constellation Energy Generation, LLC Generation Owner aslam nabeel Public Service Electric and Gas Company Transmission Owner





Atlantic Shores Wind	Jelena	Atlantic Shores Wind	
Aurely	Marc	EN Engineering LLC	
Awasthi	Shekhar	PJM Interconnection	
Azzolini	Mallorie	Con Edison Transmission, Inc.	
Bailey	Ronnie	Dominion Virginia Power	Transmission Owne
Bainbridge	Thomas	American Transmission Systems, Inc.	Transmission Owne
Baker	Jeff	Duke Energy Ohio, Inc.	Transmission Owne
Barker	Jason	Vitol Inc.	Generation Owner
Barnes	Elizabeth	Pennsylvania Public Utility Commission	
Barnett	Paul	Silver Run Electric, LLC	Transmission Owner
Barrett	Emily	PJM Interconnection	
Bautista	Alejandro	Exelon Business Services Company, LLC	Transmission Owne
Benjamin	Nick	NedPower Mount Storm, LLC	Generation Owner
Bennett	Stephen	PJM Interconnection	None
Bensala	Tarik	PJM Interconnection	
Benson	Dan	Duke Energy Indiana, LLC	
Berner	Aaron	PJM Interconnection	None
Bernstein	Matthew	PJM Interconnection	None
Bhana	Rajesh	Exelon Business Services Company, LLC	Transmission Owne
Boling	Andrew	Saracen Energy East LP	Other Supplier
Bolthouse	Julie	Piedmont Environmental Council	
Bommareddy	Chandana	Innergex Renewable USA LLC	Generation Owner
Bonifield	Justin	AEP Energy Partners, Inc. (AEP Energy Inc.)	Transmission Owne
Borkoski	John	MD Public Service Commission	
Boye	Will	Potomac Edison Company d/b/a Allegheny Power	Transmission Owne
Bradley	Nathan	East Kentucky Power Cooperative, Inc.	Transmission Owne





Brahman	Azade	Orsted Onshore North America, LLC	Generation Owner
Breitenbucher	Angela	Commonwealth Edison Company	Transmission Owner
Broaddus	lke	Fauquier County Board of Supervisors - Candidate	
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Browning	Christopher	NextEra Energy Transmission, LLC	Other Supplier
Bueno	Juan	Mid-Atlantic Interstate Transmission, LLC	Transmission Owner
Burger	Chaz	Mid-Atlantic Interstate Transmission, LLC	Transmission Owner
Burkholder	Joshua	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Callen	Zachary	Illinios Commerce Commission	
Carmean	Gregory	Organization of PJM States, Inc.	
Carr	Aiden	Virginia Electric & Power Company	Transmission Owner
Catenacci	Glenn	Public Service Electric and Gas Company	Transmission Owner
Cavaliere	Donna	Hitachi Energy USA Inc.	None
Caven	Augustine	PJM Interconnection	None
Chang	Sean	Shell Energy North America (US), L.P.	Other Supplier
Christopher	Mahila	Public Utilities Commission of Ohio	
Christopher	Mahila	Public Utilities Commission of Ohio	
Ciabattoni	Joseph	PJM Interconnection	None
Coba	Luis	PSEG Renewable Transmission LLC	
Соссо	Michael	Old Dominion Electric Cooperative	Electric Distributor
Connolly	Matthew	PJM Interconnection	
Contino	Jarett	Corio Generation	
Crim	Jacob	NextEra Energy Transmission, LLC	Other Supplier
Dadourian	John	Monitoring Analytics	
Dantonio	Phil	PJM Interconnection	None
Davis	David	Apex Clean Energy Holdings, LLC	
Davis	James	Dominion Energy Generation Marketing, Inc.	Generation Owner
de La Mora	Luis	Strom Power, LLC	Other Supplier





DeGiusto Jr.	Vincent	UGI Utilities, Inc.	Transmission Owner
Del Olmo	Rizki	PJM Interconnection	
Dissanayake	Sharini	Exelon Business Services Company, LLC	Transmission Owner
Domian	Christin	Duquesne Light Company	Transmission Owner
Du	Yuan	Virginia Electric & Power Company	Transmission Owner
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu	Nicolae	PJM Interconnection	None
Elmore	Don	Exelon Business Services Company, LLC	Transmission Owner
Emberger	Elizabeth	Exelon Business Services Company, LLC	Transmission Owner
Essah	David	N/A	
Fall	Maguette	EDF Renewable Development, Inc.	
Fernandes	Anisha	PJM Interconnection	None
Fiedler	Benjamin	PECO Energy Company	Transmission Owner
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Foley	Pauline	PJM Interconnection	None
Ford	Adrien	Constellation Energy Generation, LLC	Generation Owner
Franks	Edmund	PJM Interconnection	None
Fuerst	Gary	American Transmission Systems, Inc.	Transmission Owner
Fuller	Peter	Autumn Lane Energy Consulting LLC	
Fultz	McClain	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Garcia	Luis	Public Service Electric and Gas Company	Transmission Owner
Garland	Eric	RTR Energy Solutions LLC	None
Gates	Jill	PJM Interconnection	
ghayas	awais	PJM Interconnection	
Ghosh	Abhishek	Cypress Creek Renewables, LLC	Generation Owner





Gilani	Rehan	RWE CLEAN ENERGY WHOLESALE SERVICES, INC.	Other Supplier
Gill	Mark	Virginia Electric & Power Company	Transmission Owner
Glazer	Craig	PJM Interconnection	None
Gledhill	Andrew	PJM Interconnection	None
Goldberg	Jeffrey	PJM Interconnection	None
Gordon	Jonathan	Advanced Energy Ecomomy	
Gorman	Bradley	American Transmission Systems, Inc.	Transmission Owner
Gostkowski	Elizabeth	PSEG Renewable Transmission LLC	
green	david	RLC Engineering, PLLC	
Greening	Michele	PJM Interconnection	None
Guidi	Nicholas	Southern Environmental Law Center	
Gunn	Garan	Public Service Electric and Gas Company	Transmission Owner
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Hanchen	Xu	CCI U.S. Power Trading LLC	Other Supplier
handlin	mike	PJM Interconnection	
Hankins	Patti	None	
Haque	Asim	PJM	
Hastings	David	Long Island Lighting Company dba LIPA	Other Supplier
Hathcock	Jason	Strata Solar	
Hedayati	Mojgan	PJM Interconnection	
Hehir	Flannan	Appian Way Energy Partners MidAtlantic, LLC	Other Supplier
Heinle	Frederick	Dynegy Marketing and Trade, LLC	Generation Owner
Heitmeyer	Chad	Appalachian Power Company (AEPSCO)	Transmission Owner
Hepplewhite	Peter	Wrigley Capital LLC	Other Supplier
Herel	Suzanne	PJM Interconnection	None
Herman	Michael	PJM Interconnection	None





Hill	Nicholas	American Transmission Systems, Inc.	Transmission Owner
Hitt	Jason	Duquesne Light Company	Transmission Owner
Hoatson	Tom	West Deptford Energy, LLC	Generation Owner
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holdbrook	Ruth	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Horger	Tim	PJM Interconnection	None
Horning	Lynn Marie	American Municipal Power, Inc.	Electric Distributor
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hozempa	Lawrence	American Transmission Systems, Inc.	Transmission Owner
Huntoon	Stephen	Chesapeake Transmission LLC	Other Supplier
Hutt	Daniel	Public Service Electric and Gas Company	Transmission Owner
Hwang	Inwook	Potomac Electric Power Company	Electric Distributor
Hyzinski	Tom	GT Power Group, LLC	None
Isaac	Carlos	Exelon Business Services Company, LLC	Transmission Owner
James	Solon	DC Energy, LLC	Other Supplier
Janapareddy	Anupama	Green River Holdings, LLC	Generation Owner
Janicki	Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jardot	Gina	NRG Curtailment Solutions, Inc.	Other Supplier
Jarosinski	Lisa		
Jing	Zejia	Dominion Virginia Power (EDC VMEA)	Transmission Owner
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnson	Sarah	IR Energy Management LLC	Other Supplier
Johnston	David	Other	
Jones	Scott	Other	
Joshipura	Neil	Virginia State Corporation Commission	
Kalwa	Jason	PSEG Energy Resources and Trade LLC	Other Supplier





Kapoor	Ashish	Piedmont Environmental Council	
Kantri	Mahaah	Cardan III C	
Karki	Mahesh	Savion, LLC	
Kelley	Frederick	Power Plant Research Program (MD)	
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kendall	Brandon	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Kent	Janessa	Duquesne Light Company	Transmission Owner
Khalili	Ramtin	Virginia Electric & Power Company	Transmission Owner
Khoury	George	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kim	Caleb	Dayton Power & Light Company (The)	Transmission Owner
Kimp	Lamar	Baltimore Gas and Electric Company (TO)	Transmission Owner
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Koehler	Nicolas	Appalachian Power Company (AEP Transmission)	Transmission Owner
Kogut	George	New York Power Authority	Other Supplier
Konidena	Rao	n/a	
Kopzhanov	Talgat	Big Sandy Peaker Plant, LLC	Generation Owner
Kou	Derek	EDP Renewables North America LLC	Generation Owner
Krizenoskas	Lisa	PJM Interconnection	
Kshatriya	Niraj	PJM Interconnection	
Kuchan	Meagan	Dayton Power & Light Company (The)	Transmission Owner
Kumar	Nikhil	Hartree Partners, LP	Other Supplier
Laios	Takis	Appalachian Power Company (AEP Transmission)	Transmission Owner
LaRocque	Matthew	PJM Interconnection	None
LaVista	William	RWE Clean Energy, LLC	Generation Owner
Lee	Lori Murphy	PJM Interconnection	None
Leeming	Thomas	Exelon Business Services Company, LLC	Transmission Owner
Lehmann	Horst	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Lescano	Amanda	New Jersey Board of Public Utilities	





None Transmission Owner Transmission Owner Transmission Owner Transmission Owner Transmission Owner None Generation Owner Transmission Owner
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None Generation Owner Transmission Owner
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Generation Owner Transmission Owner
Transmission Owner
Electric Distributor
Transmission Owner
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Transmission Owner
None
None
None





McNicholas	Daniel	Nautilus Power, LLC	Generation Owner
Mekala	Karthik	RWE Clean Energy, LLC	Generation Owner
Midgley	Sharon	Exelon Business Services Company, LLC	Transmission Owner
Mills	Paul	Commonwealth Edison Company	Transmission Owner
Moghassem Hamidi	Milad	American Transmission Systems, Inc.	Transmission Owner
Moore	Jasmine	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Muhl	Nancy	PJM Interconnection	None
Mullin	Michael	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Murphy	Shaun	Urban Grid Solar Projects, LLC	Other Supplier
Nadel	Steven	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Nagulapally	Venkat	Dynegy Power Marketing, LLC	Generation Owner
Najafabadi	Amin	GE Power	
Nareshkumar	Koushy	Potomac Electric Power Company	Electric Distributor
Nekolny	Christopher	Exelon Business Services Company, LLC	Transmission Owner
Newman	Keryn	Consumer	
Ng	Perry	PJM Interconnection	
Ngan	Lok	PJM Interconnection	
Niu	Hui	PJM Interconnection	None
Nix	Emma	Leeward Asset Management, LLC	Generation Owner
Noel Jeune	Reynaldo	Orsted Onshore North America, LLC	Generation Owner
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
Ondayko	Brock	AEP Energy Partners, Inc. (AEP Gen Resources)	Transmission Owner
Osorio Garcia	David	Dominion Virginia Power	Transmission Owner
Ovando	Pablo	Amazon Energy LLC	Other Supplier
Pakela	Greg	DTE Energy Trading, Inc.	Other Supplier
Panegal	Ash	Plus Power	
Papaconstandinou	Antonio	PJM Interconnection	
Parrot	Sarah	Public Utilities Commission of Ohio	
Peebles	Andy	Saracen Energy East LP	Other Supplier





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Perera	Asanga	PJM Interconnection	
Petruso	Dominick	Public Service Electric and Gas Company	Transmission Owner
Pierson	Brad	Walden Renewables Development LLC	Other Supplier
Porter	John	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Potter	Harrison	Virginia Electric & Power Company	Transmission Owner
Poulos	Greg	PJM Committee Voting Generic Account	
Price	Mark	DC Energy Mid-Atlantic, LLC	Other Supplier
Price	Ruth	Delaware Division of the Public Advocate	
Prokop	Brenda	Silver Run Electric, LLC	Transmission Owner
Ptak	Anton	EDF Renewable Development, Inc.	
Radhakrishna Pillai	Nuthish	PECO Energy Company	Transmission Owner
Rajendran	Saravana Kumar	PJM Interconnection	
Rasmussen	Jay	Duke Energy Business Services LLC	Transmission Owner
Reagan	Ryann	New Jersey Board of Public Utilities	
Reid	John	PJM Interconnection	
Reilly	Alexander	Virginia Electric & Power Company	Transmission Owner
Rettig	Kacie	Rockland Electric Company	Transmission Owner
Richards	Wade	Apex Clean Energy Holdings, LLC	
Richards Jr	Cleveland	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Roach	Temujin	EDF Renewable Development, Inc.	
Robison	Michael	American Transmission Systems, Inc.	Transmission Owner
Rode	Advait	Michigan Public Service Commission	
Roychowdhury	Rajarshi	Dayton Power & Light Company (The)	Transmission Owner
Rupert	David	Transource Energy, LLC	Transmission Owner
Rutigliano	Tom	Natural Resources Defense Council	
Sahami	Amirreza	Virginia Electric & Power Company	Transmission Owner
Salialili			





Salib	Anton	Shell Energy North America (US), L.P.	Other Supplier
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scarp	David	Calpine Energy Services, L.P.	Generation Owner
Scheirer	Alexandra	PJM Interconnection	None
Schmidt	Thomas	Buckeye Power, Inc.	Electric Distributor
Schmitt	Catherine	Public Service Electric and Gas Company	Transmission Owner
Schreim	Morris	MD PSC	
SCHROEDER	CONNIE	Dominion Virginia Power	Transmission Owner
Schwass	Jocee	Public Utilities Commission of Ohio	
Scott	Hugh	Baltimore Gas and Electric Company (TO)	Transmission Owner
Segner	Sharon	Silver Run Electric, LLC	Transmission Owner
Seiler	Kenneth	PJM Interconnection	None
Selick	Sam	Customized Energy Solutions, Ltd.	None
Senanayake	Sam	Pine Gate Mid-Atlantic, LLC	Generation Owner
Shah	Pulin	PECO Energy Company	Transmission Owner
Sheehan	Karen	Other	
shegarfi	roozbeh	Constellation Energy Generation, LLC (NEV_XLON)	Generation Owner
Shetty	Tom	DC Public Service Commission	
Shields	Tom	Diamond Offshore Wind, LLC	
Shoup	Jacob	Appalachian Power Company (AEP Transmission)	Transmission Owner
Sims	Mark	PJM Interconnection	None
Singh	Harliv	Invenergy, LLC	Generation Owner
Skiba	Kyle	American Transmission Systems, Inc.	Transmission Owner
Sliwa	Stan	PJM Interconnection	None
Sloan	Ben	Organization of PJM States, Inc.	
Sooryavaram	Radha	Invenergy, LLC	Generation Owner
Sotkiewicz	Paul	E-Cubed Policy Associates	
Souder	David	PJM Interconnection	





Sparks	Bridget	sPower Development Company, LLC	
Spatafore	Julia	PJM Interconnection	None
Stadelmeyer	Rebecca	Jersey Green Energy LLC	Other Supplier
Steichen	Renae	Bath County Energy, LLC	Generation Owner
Steinkuhl	Steve	Duke Energy Business Services LLC	Transmission Owner
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Stone	Chris	PJM Interconnection	
Stubbs	Devin	NextEra Energy Transmission MidAtlantic Indiana, Inc.	Transmission Owner
Stuchell	Jeff	American Transmission Systems, Inc.	Transmission Owner
Stuchell	Shane	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Stupar	Rob	Invenergy Energy Management LLC	Generation Owner
Sun	Haibin	Exelon Business Services Company, LLC	Transmission Owner
Supinski	Kyle	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Svenson	Heather	Public Service Electric and Gas Company	Transmission Owner
Swain	Brian	AEP Energy, Inc.	Transmission Owner
Swalwell	Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Szeto	Connie	Orsted Onshore North America, LLC	Generation Owner
Szmodis	Christopher	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
Taberner	Bartely	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Taylor	Miles	Northern Indiana Public Service Company	Other Supplier
Taylor	Robert	Invenergy, LLC	Generation Owner
Tekle	Zelalem	Bath County Energy, LLC	Generation Owner
Tesfa	Nebiat	PJM Interconnection	None
Tewari	Diwakar	Silver Run Electric, LLC	Transmission Owner
THOMAS	AMBER	Exelon Business Services Company, LLC	Transmission Owner
Tian	Xueqi	White Peak Energy LLC	Other Supplier





Tompkins	Nicholas	Central Transmission, LLC	Other Supplier
Торро	Shilpa	174 Power Global	
Tribulski	Jennifer	PJM Interconnection	None
Tubridy	Meg	Rockland Electric Company	Transmission Owner
Uddin	Shahab	Old Dominion Electric Cooperative	Electric Distributor
Upadhyay	Aditi	NextEra Energy Transmission MidAtlantic Indiana, Inc.	Transmission Owner
Van Schaik	Michael	AEP Appalachian Transmission Company, Inc.	Transmission Owner
VanBlargan	Bryna	Sabinsville SunPower, LLC	
Villarreal	Javi	Virginia Electric & Power Company	Transmission Owner
Walcavich	Colin	Green River Holdings, LLC	Generation Owner
Wallace	Colleen	Virginia Electric & Power Company	Transmission Owner
Wang	Claire	Wrigley Capital LLC	Other Supplier
Wang	Tom	Public Service Electric and Gas Company	Transmission Owner
Wayner	Claire	RMI	
Weaver	David	PECO Energy Company	Transmission Owner
Webb	Becky	Exelon Business Services Company, LLC	Transmission Owner
Wehnes	Kathleen	retired	
Westendorf	Alex	Commonwealth Edison Company	Transmission Owner
Whitehead	Jeffrey	GT Power Group	
Whitlow	Jason	Virginia Electric & Power Company	Transmission Owner
Whitson	Warren	Viridon	
Widom	Stuart	PJM Interconnection	None
Wilches	Rafael	PSEG Energy Resources and Trade LLC	Other Supplier
Williams	Eric	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Wilson	James	Other	
Winter	Aaron	Virginia Electric & Power Company	Transmission Owner
Worcester	Alex	Transmission Analytics Consulting LLC	
Wu	Mia	PJM Interconnection	





Ericka	Exelon Business Services Company, LLC	Transmission Owner
Michael	Altrock LLC	Other Supplier
XU	PJM Interconnection	None
Sarah	Jersey Green Energy LLC	Other Supplier
Eric	Baltimore Gas and Electric Company (TO)	Transmission Owner
Joshua	LS Power Transmission, LLC	
Richmond	Rise Light & Power, LLC	
Laura	PPL Electric Utilities Corp. dba PPL Utilities (TO)	Transmission Owner
mohamed	Public Service Electric and Gas Company	Transmission Owner
Mark	PPL Electric Utilities Corp. dba PPL Utilities (LSE)	Transmission Owner
Li	Dominion Virginia Power	Transmission Owner
Yu	Saracen Energy Midwest LP	Other Supplier
Ming	DXT Commodities North America Inc.	Other Supplier
Zhangxin	Virginia Electric & Power Company	Transmission Owner
	Michael XU Sarah Eric Joshua Richmond Laura mohamed Mark Li Yu Ming	Michael Altrock LLC XU PJM Interconnection Sarah Jersey Green Energy LLC Eric Baltimore Gas and Electric Company (TO) Joshua LS Power Transmission, LLC Richmond Rise Light & Power, LLC Laura PPL Electric Utilities Corp. dba PPL Utilities (TO) mohamed Public Service Electric and Gas Company Mark PPL Electric Utilities Corp. dba PPL Utilities (LSE) Li Dominion Virginia Power Yu Saracen Energy Midwest LP Ming DXT Commodities North America Inc.