

**Planning Committee Special Session: Storage as a Transmission Asset (SATA)
PJM WebEx Meeting
September 25, 2020
9:00 a.m. – 12:00 p.m. EPT**

Administration (9:00-9:15)

1. Alex Scheirer provided announcements and reviewed the Anti-trust, Code of Conduct, Public Meetings/Media Participation, and Identification Requirement guidelines
2. Michele Greening reviewed the work plan
 - a. An additional meeting is scheduled for October 9

Panel Discussion (9:15-10:00)

3. Michele Greening facilitated a discussion exploring stakeholder perspectives on the pros and cons, possibilities and pitfalls of an approach to storage addressing specified transmission needs through the creation of a specialized ancillary service. Each panelist presented their perspectives followed by combined Q&A.
 - a. Marji Phillips (LS Power)
 - b. Jason Burwen (Energy Storage Association)
 - c. Q&A Session

Education (10:00-10:15)

4. Grace Niu, PJM, presented education on the beneficiaries of transmission solutions and subsequent RTEP cost allocation. Nick Dumitriu, PJM, presented education on the market efficiency cost allocation rules.

CBIR Process (10:15-12:00)

5. Michele Greening lead a discussion on the CBIR process;
 - a. Stakeholders were asked to identify additional solution options for the design components. No new solution options were added
 - b. Jeff Goldberg presented the PJM package.
 - c. Stakeholders will be asked to provide additional packages for the next meeting (please send in advance to Michele Greening or Amanda Long)

Author: A.Long

Name	Company	Sector
Greening, Michele (Facilitator)	PJM Interconnection, LLC	Not Applicable
Scheirer, Alexandra (Secretary)	PJM Interconnection, LLC	Not Applicable
Abate, Stephen	Duquesne Light Company	Transmission Owner
Abdur-Rahman, Muhsin	ABB	Not Applicable
Ali, Shadab	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Bainbridge, Tom	FirstEnergy Solutions Corp.	Transmission Owner
Baker, Jeff	Duke Energy Ohio, Inc.	Transmission Owner
Baker, Scott	PJM Interconnection, LLC	Not Applicable
Benchek, Jim	American Transmission Systems, Inc.	Transmission Owner
Benson, Christopher	Hudson Transmission Partners, LLC	Transmission Owner
Benson, Dan	Duke Energy Business Services LLC	Transmission Owner
Berkley, Mary	Appalacian Power Company	Transmission Owner
Berner, Aaron	PJM Interconnection, LLC	Not Applicable
Berton, Tyler	Appalachian Power Company	Transmission Owner
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Bryson, Mike	PJM Interconnection, LLC	Not Applicable
Burbure, Stacey	Appalachian Power Company	Transmission Owner
Burwen, Jason	Energy Storage	Not Applicable
Carmean, Gregory	OPSI	Not Applicable
Cham, Edrissa	Tradewind Energy, Inc.	Not Applicable
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
Christopher, Mahila	Public Utilities Commission of Ohio (The)	Not Applicable
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Dadourian, John	Monitoring Analytics, LLC	Not Applicable
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Davis, James (Jim)	Dominion Energy Marketing, Inc.	Generation Owner
Dempsey, John	Public Service Electric & Gas Company	Transmission Owner
Dixon, Chad	Viridity Energy, Inc.	Other Supplier
Domian, Christin	Duquesne Light Company	Transmission Owner
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Dumitriu, Nicolae	PJM Interconnection, LLC	Not Applicable
Elkins, Rachel	FirstEnergy Solutions Corp.	Transmission Owner
Fan, Zhenyu	PJM Interconnection, LLC	Not Applicable
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Foladare, Kenneth	Tangibl	Not Applicable
Foley, Pauline	PJM Interconnection, LLC	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Gahimer, Michael	IN Office of Utility Consumer Counselor	End User Customer
Glatz, Suzanne	PJM Interconnection, LLC	Not Applicable
Glazer, Craig	PJM Interconnection, LLC	Not Applicable
Glennon, James	PJM Interconnection, LLC	Not Applicable
Godlevskaya, Diana	Southeastern Wind Coalition	Not Applicable
Goldberg, Jeffrey	PJM Interconnection, LLC	Not Applicable
Guignet, Doug	PJM Interconnection, LLC	Not Applicable
Hastings, David	Market Interconnection Consulting Services (MICS)	Not Applicable
Heinle, Frederick	Office of the People's Counsel	End User Customer
Heitmeyer, Chad	AEP	Transmission Owner
Herel, Suzanne	PJM Interconnection, LLC	Not Applicable
Hickman, Adam	Transource Energy LLC	Other Supplier
Hoang, Liem	PJM Interconnection, LLC	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Hollis, Gabriel	NextEra Energy Transmission, LLC	Other Supplier
Home, Andrew	First Energy Company	Not Applicable

Horning, Lynn Marie	Customized Energy Solutions, Ltd.	Not Applicable
Hsia, Eric	PJM Interconnection, LLC	Not Applicable
Hudis, Gabriella	Jersey Green Energy LLC	Other Supplier
Hyzinski, Tom	GT Power Group	Not Applicable
Iler, Art	Indiana Office of Utility Consumer Counsel	End User Customer
Jacobs, Mike	Union of Concerned Scientists	Not Applicable
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Jens, Thomas	Black Oak Energy, LLC	Other Supplier
Johnson, Carl	Customized Energy Solutions, Ltd.	Not Applicable
Johnston, David	Indiana Utility Regulatory Commission	Not Applicable
Joseph, Kelli	Clearway Energy	Not Applicable
Kauffman, Brian	EnerNOC, Inc.	Other Supplier
Kelly, Stephen	Brookfield Renewable Energy Marketing US LLC	Other Supplier
Khadr, Esam	Public Service Electric & Gas Company	Transmission Owner
Kogut, George	New York Power Authority	Other Supplier
Laios, Takis	Appalachian Power Company	Transmission Owner
Lamond, Bonnie	Highview Power	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Majewski, Judith	Public Service Electric & Gas Company	Transmission Owner
Mangonon, Roletto	Rockland Electric Company	Transmission Owner
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Marzewski, Skyler	Monitoring Analytics, LLC	Not Applicable
Mason, Ray	ReliabilityFirst Corporation	Not Applicable
Matheson, Eric	Pennsylvania Public Utility Commission	Not Applicable
Mattson, Lisa	Apex Clean Energy	Not Applicable
McClelland, Maura	Public Utilities Commission of Ohio (The)	Not Applicable
McDougall, Devin	Earth Justice	Not Applicable
McGlynn, Paul	PJM Interconnection, LLC	Not Applicable
Messina, Emmy	PJM Interconnection, LLC	Not Applicable
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Moloney, Jeff	FirstEnergy Solutions Corp.	Transmission Owner
Nadel, Steven	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Ning, Jiaxin	Virginia Electric & Power Company	Transmission Owner
Niu, Grace	PJM Interconnection, LLC	Not Applicable
Nix, Emma	Gable and Associates	Not Applicable
Noewer, Sharon	FirstEnergy Corporation	Transmission Owner
O'Hara, Christopher	PJM Interconnection, LLC	Not Applicable
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Phillips, Marjorie	LS Power Transmission, LLC	Not Applicable
Phillips, Darlene	PJM Interconnection, LLC	Not Applicable
Pilong, Christopher	PJM Interconnection, LLC	Not Applicable
Poulos, Greg	CAPS	Not Applicable
Price, Ruth	Division of the Public Advocate of the State of Delaware	End User Customer
Qiu, Wenzheng	PJM Interconnection, LLC	Not Applicable
Quier, Dave	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Rainey, John	Northern Virginia Electric Cooperative	Electric Distributor
Robinson, Becky	Vistra Energy	Not Applicable
Rodriguez, Tomas	OPSI	Not Applicable
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Seiler, Ken	PJM Interconnection, LLC	Not Applicable
Shih, ChengHao	National Grid	Not Applicable
Shukla, Tanmay	Environmental Law and Policy Center	None
Singh, Harliv	Northern States Power Company	Other Supplier
Skumanich, William (Bill)	RTR Energy Solutions	Not Applicable

Sliwa, Stan	PJM Interconnection, LLC	Not Applicable
Souder, David	PJM Interconnection, LLC	Not Applicable
Squibb, Bill	Ohio Valley Electric	Generation Owner
Stanisz, Mark	PJM Interconnection, LLC	Not Applicable
Steinkuhl, Steve	Duke Energy Business Services LLC	Transmission Owner
Stenger, Jennifer	Duke Energy Business Services LLC	Transmission Owner
Stern, Alexander (Alex)	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	Not Applicable
Tan, Andrew	Eversource Energy	Not Applicable
Taylor, Robert	Exelon Business Services Company, LLC	Transmission Owner
Tesfa, Nebiat	PJM Interconnection, LLC	Not Applicable
Thomas, Sharon	Energy Storage	Not Applicable
Thundiyil, Kevin	Exelon Energy Company	Transmission Owner
Tkachuk, Caroline	Public Service Electric & Gas Company	Transmission Owner
Tribulski, Jennifer	PJM Interconnection, LLC	Not Applicable
Von Pinho, Frederico	NextEra Energy Transmission, LLC	Other Supplier
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Wehnes, Kathleen	Maryland.gov	Not Applicable
Whitehead, Jeffrey	GT Power Group	Not Applicable
Willey, Amy	Delaware.gov	Not Applicable
Wisersky, Megan	Madison Gas & Electric Company	Other Supplier
Xiu, Lihe	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Yeh, Eric	Baltimore Gas and Electric Company	Transmission Owner
Yeoman, Ryan	State of Michigan	Not Applicable
Yoder, Michael	RTO Insider	None
Zhang, Li (Frank)	Dominion Virginia Power	Not Applicable

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