

## **Draft Minutes**



Planning Committee Special Session: Storage as a Transmission Asset (SATA)
PJM WebEx Meeting
August 6, 2020
1:00 p.m. – 4:00 p.m. EPT

### Administration

- 1. Amanda Long provided announcements and review the Anti-trust, Code of Conduct, Public Meetings/Media Participation, and Identification Requirement guidelines
  - a. No media identified themselves in the meeting.
- 2. Michele Greening reviewed the work plan

### **CBIR Process**

- 3. Michele Greening lead a discussion on the CBIR process for identifying interests and design components
  - a. Michele reviewed any edits or additions to the current interests. Stakeholders provided additional interests
  - b. Michele reviewed any edits or additions to the current design components and Jeff Goldberg and Nick Dumitriu discussed the design component details.
  - c. Stakeholders were asked to identify additional design components and were asked to prioritize the components in order of importance. No additional design components were provided.
  - d. Jeff and Nick reviewed the status quo of the design components
  - e. Jeff identified potential solution options for the design components. No additional options were provided

### **Future Meeting Dates**

August 24, 2020	1:00 p.m.	WebEx
September 25, 2020	9:00 a.m.	WebEx
October 22, 2020	1:00 p.m.	WebEx

Author: A.Long



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Greening, Michele (Facilitator)  Long, Amanda (Secretary)  PJM Interconnection, LLC  Not Applicable  Terranova, Chris (AV)  Abdur-Rahman, Muhsin  ABB  Achaab, Edward  AEP Energy Partners, Inc.  Adams, Darrin  East Kentucky Power Cooperative, Inc.  Ali, Shadab  PPL Electric Utilities Corp. dba PPL Utilities  Transmission Ov  Anders, David  PJM Interconnection, LLC  Not Applicable  Transmission Ov  Ali, Shadab  PPL Electric Utilities Corp. dba PPL Utilities  Transmission Ov  Anders, David  PJM Interconnection, LLC  Not Applicable  Bainbridge, Tom  FirstEnergy Solutions Corp.  Benchek, Jim  American Transmission Systems, Inc.  Transmission Ov  Benson, Dan  Duke Energy Business Services LLC  Transmission Ov  Bernabeu, Emanuel  PJM Interconnection, LLC  Not Applicable  Berner, Aaron  PJM Interconnection, LLC  Not Applicable  Berner, Aaron  PJM Interconnection, LLC  Not Applicable  Berton, Tyler  AEP Appalachian Transmission Company, Inc.  Transmission Ov  Transmission Ov  Tot Applicable  Transmission Ov  Tot Applicable	ner
Terranova, Chris (AV)  PJM Interconnection, LLC  Not Applicable  Abate, Stephen  Duquesne Light Company  Transmission Ov  Abdur-Rahman, Muhsin  ABB  Not Applicable  Achaab, Edward  AEP Energy Partners, Inc.  Other Supplier  Adams, Darrin  East Kentucky Power Cooperative, Inc.  Transmission Ov  Ali, Shadab  PPL Electric Utilities Corp. dba PPL Utilities  Transmission Ov  Anders, David  PJM Interconnection, LLC  Not Applicable  Benchek, Jim  American Transmission Systems, Inc.  Transmission Ov  Benson, Dan  Duke Energy Business Services LLC  Transmission Ov  Bernabeu, Emanuel  PJM Interconnection, LLC  Not Applicable  Berner, Aaron  PJM Interconnection, LLC  Not Applicable  Berton, Tyler  AEP Appalachian Transmission Company, Inc.  Transmission Ov	ner
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Benson, Dan         Duke Energy Business Services LLC         Transmission Ov           Bernabeu, Emanuel         PJM Interconnection, LLC         Not Applicable           Berner, Aaron         PJM Interconnection, LLC         Not Applicable           Berton, Tyler         AEP Appalachian Transmission Company, Inc.         Transmission Ov	ner
Bernabeu, Emanuel PJM Interconnection, LLC Not Applicable Berner, Aaron PJM Interconnection, LLC Not Applicable Berton, Tyler AEP Appalachian Transmission Company, Inc. Transmission Ov	ner
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Berton, Tyler AEP Appalachian Transmission Company, Inc. Transmission Ov	
Rowen Brandon Indiana Untility Regulatory Commission Not Applicable	ner
Bowen, Brandon Indiana Untility Regulatory Commission Not Applicable	
Brodbeck, John EDP Renewables North America, LLC Other Supplier	
Brown, David NJ Board of Public Utilities Not Applicable	
Canter, David Appalachian Power Company Transmission Ov	ner
Chandler, Kent Office of the Attorney General, Kentucky End User Custon	ner
Chmielewski, Brian PJM Interconnection, LLC Not Applicable	
Christopher, Mahila Public Utilities Commission of Ohio (The) Not Applicable	
Cocco, Michael Old Dominion Electric Cooperative Electric Distribut	or
Dadourian, John Monitoring Analytics, LLC Not Applicable	
D'Alessandris, Lou FirstEnergy Solutions Corp. Transmission Ov	ner
Davis, Elizabeth (Becky) PJM Interconnection, LLC Not Applicable	
Davis, James (Jim) Dominion Energy Marketing, Inc. Generation Own	er
Denby, Brett Novec Not Applicable	
DeVita, Thomas PJM Interconnection, LLC Not Applicable	
DiNicola, Laura FirstEnergy Solutions Corp. Transmission Ov	ner
Dolan, Ryan American Municipal Power, Inc. Electric Distribut	or
Domian, Christin Duquesne Light Company Transmission Ov	ner
Dumitriu, Nicolae PJM Interconnection, LLC Not Applicable	
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Eedupuganti, Subbarao PJM Interconnection, LLC Not Applicable	
Feller, John PPL Electric Utilities Corp. dba PPL Utilities Transmission Ov	ner
Filomena, Guy Customized Energy Solutions, Ltd. Not Applicable	
Foladare, Kenneth Tangibl Not Applicable	
Ford, Adrien Old Dominion Electric Cooperative Electric Distribut	or
Fraley, Craig FirstEnergy Solutions Corp. Transmission Ov	ner
Genuario, Gabrielle PJM Interconnection, LLC Not Applicable	
Glatz, Suzanne PJM Interconnection, LLC Not Applicable	
Glennon, James PJM Interconnection, LLC Not Applicable	
Goldberg, Jeffrey PJM Interconnection, LLC Not Applicable	
Hanser, Erik Michigan Public Service Commission Not Applicable	·
Hasan, Prusha Advanced Energy Economy None	
Heinle, Erik Office of the People's Counsel End User Custon	ner
Heitmeyer, Chad AEP Transmission Ov	ner
Herel, Suzanne PJM Interconnection, LLC Not Applicable	
Herman, Michael PJM Interconnection, LLC Not Applicable	
Hoang, Liem PJM Interconnection, LLC Not Applicable	
Hoatson, Tom Riverside Generating, LLC Other Supplier	
Hollis, Gabriel NextEra Energy Transmission, LLC Other Supplier	
Horger, Tim PJM Interconnection, LLC Not Applicable	
Horne, Andrew First Energy Company Not Applicable	
Horning, Lynn Marie Customized Energy Solutions, Ltd. Not Applicable	
Horton, Dana Appalachian Power Company Transmission Ov	ner
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 Custon	ner
Islam, Lubaba Navigant Consulting, Inc. Not Applicable	
Jacobs, Michael Union of Concerned Scientists Not Applicable	
Janicki, Diane Boston Energy Trading & Marketing, LLC Generation Own	er
Jha, Monica PCI Not Applicable	



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Johnson, Carl	Customized Energy Solutions, Ltd.	Not Applicable
Kauffman, Brian	EnerNOC, Inc.	Other Supplier
Kogut, George	New York Power Authority	Other Supplier
Laios, Takis	Appalachian Power Company	Transmission Owner
Lawson, Ryen	Dominion Virginia Power	Not Applicable
Lowe, Connie	Dominion Virginia Power	Not Applicable
Mali, Gizella	Solar Energy Industries Association	Not Applicable
Marrero-Torres, Orlando	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Martinelli, Rich	Public Service Electric & Gas Company	Transmission Owner
mason, julie	Duke Energy Ohio, Inc.	Transmission Owner
McDougall, Devin	Earthjustice	Not Applicable
· ,		Transmission Owner
Mertz, Christopher	Virginia Electric & Power Company	
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Monn, Alex	MISO	Not Applicable
Murphy, Shaun	PJM Interconnection, LLC	Not Applicable
Murphy, Shaun	PJM Interconnection, LLC	Not Applicable
Nguyen, Trung	AEP Energy Partners, Inc.	Transmission Owner
Nix, Emma	Gable and Associates	Not Applicable
Ondayko, Brock	Appalachain Power Company	Transmission Owner
Ovando, Pablo	Exelon Business Services Company, LLC	Transmission Owner
Patel, Rishad	Essential Power LLC	Generation Owner
Pezalla, William	Old Dominion Electric Cooperative	Electric Distributor
Philips, Marji	Direct Energy Business, LLC	Other Supplier
Pilong, Christopher	PJM Interconnection, LLC	Not Applicable
Price, Ruth	Division of the Public Advocate of the State of Delaware	End User Customer
Rainey, John	Northern Virginia Electric Cooperative	Electric Distributor
Rodriguez, Tomas	OPSI	Not Applicable
Roychowdhury, Raj	AES ES Holdings, LLC	Generation Owner
Russ, Michael	Dayton Power & Light Company (The)	Transmission Owner
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Segner, Sharon	LS Power Transmission, LLC	Not Applicable
Seiler, Ken	PJM Interconnection, LLC	Not Applicable
Shenk, Jordan	PJM Interconnection, LLC	Not Applicable
Shih, ChengHao	National Grid	Not Applicable
Skumanich, William (Bill)	RTR Energy Solutions	Not Applicable
Squibb, Bill	Ohio Valley Electric	Generation Owner
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
Sweeney, Rory	GT Power Group	Not Applicable
Sweeney, Rory	GT Power Group	Not Applicable
Tekle, Zelalem	Baltimore Gas and Electric Company	Transmission Owner
Thomas, Kyle	Innovari Market Solutions LLC	Other Supplier
Thundiyil, Kevin	Exelon Energy 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
Willey, Amy	Delaware.gov	Not Applicable
Wisersky, Megan	Madison Gas & Electric Company	Other Supplier
Zhang, Li (Frank)	Dominion Virginia Power	Not Applicable
Zuretti, Bill	Electric Power Supply Association	Not Applicable