

**Planning Committee Special Session: Storage as a Transmission Asset (SATA)
PJM WebEx Meeting
July 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 was identified in the meeting.
2. Michele Greening reviewed the work plan

Education

3. PJM presented education on various topics around Storage as a Transmission Asset:
 - a. Aaron Berner presented education regarding FERC precedent
 - b. Jeff Goldberg and Nick Dumitriu presented education regarding SATA modeling for planning studies

CBIR Process

4. Michele Greening led a discussion on the CBIR process for identifying interests and design components.
 - a. Stakeholders and PJM identified interests in the matrix.
 - b. Stakeholders and PJM provided design components in the matrix.

Future Meeting Dates

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| August 6, 2020 | 1:00 p.m. | WebEx |
| 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

| Name | Company | Sector |
|---------------------------------|---|----------------------|
| Greening, Michele (Facilitator) | PJM Interconnection, LLC | Not Applicable |
| Long, Amanda (Secretary) | PJM Interconnection, LLC | Not Applicable |
| Konowal, Rich (AV) | PJM Interconnection, LLC | Not Applicable |
| Abate, Stephen | Duquesne Light Company | Transmission Owner |
| Achaab, Edward | AEP Energy Partners, Inc. | Other Supplier |
| Adams, Darrin | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Ahmad, Syed | The Federal Energy Regulatory Commission | Not Applicable |
| Ali, Shadab | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| Allen, William | Commonwealth Edison Company | Transmission Owner |
| Anders, David | PJM Interconnection, LLC | Not Applicable |
| Bainbridge, Tom | FirstEnergy Solutions Corp. | Transmission Owner |
| Baker, Scott | PJM Interconnection, LLC | Not Applicable |
| Ball, Richard | Other | Not Applicable |
| Berner, Aaron | PJM Interconnection, LLC | Not Applicable |
| Berton, Tyler | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Bodkin, Sean | Dominion Virginia Power | Not Applicable |
| Brodbeck, John | EDP Renewables North America, LLC | Other Supplier |
| Canter, David | Appalachian Power Company | Transmission Owner |
| Carroll, John | RODAN Energy Solutions | Other Supplier |
| Catenacci, Glenn | Public Service Electric & Gas Company | Transmission Owner |
| Cham, Edrissa | Tradewind Energy, Inc. | Not Applicable |
| Chapman, Guy | Collegiate Clean Energy, LLC | Other Supplier |
| Chmielewski, Brian | PJM Interconnection, LLC | Not Applicable |
| Chocarro Aguirrebengoa, Iker | E.ON Climate & Renewables North America, Inc. | Generation Owner |
| Christopher, Mahila | Public Utilities Commission of Ohio (The) | Not Applicable |
| Dadourian, John | Monitoring Analytics, LLC | Not Applicable |
| D'Alessandris, Lou | FirstEnergy Solutions Corp. | Transmission Owner |
| Denby, Brett | Novac | Not Applicable |
| DeVita, Thomas | PJM Interconnection, LLC | Not Applicable |
| DiNicola, Laura | FirstEnergy Solutions Corp. | Transmission Owner |
| Domian, Christin | Duquesne Light Company | Transmission Owner |
| Dugan, Chuck | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Dumitriu, Nicolae | PJM Interconnection, LLC | Not Applicable |
| Essah, David | State Corporation Commission, Virginia | Not Applicable |
| Fan, Zhenyu | PJM Interconnection, LLC | Not Applicable |
| Farmer, Larry | TFB Planning Solutions | Not Applicable |
| Filomena, Guy | Customized Energy Solutions, Ltd. | Not Applicable |
| Foladare, Kenneth | Tangibl | Not Applicable |
| Ford, Adrien | Old Dominion Electric Cooperative | Electric Distributor |
| Gahimer, Michael | IN Office of Utility Consumer Counselor | End User Customer |
| Genuario, Gabrielle | PJM Interconnection, LLC | Not Applicable |
| Glatz, Suzanne | PJM Interconnection, LLC | Not Applicable |
| Goldberg, Jeffrey | PJM Interconnection, LLC | Not Applicable |
| Gunn, Garan | Public Service Electric & Gas Company | Transmission Owner |
| Haas, Howard | Monitoring Analytics, LLC | Not Applicable |
| Hannah, Kyle | Dominion Virginia Power | Not Applicable |
| Hasan, Prusha | Advanced Energy Economy | None |
| Hastings, David | Market Interconnection Consulting Services (MICS) | Not Applicable |
| Heitmeyer, Chad | AEP | Transmission Owner |
| Herel, Suzanne | PJM Interconnection, LLC | Not Applicable |
| Herman, Michael | PJM Interconnection, LLC | Not Applicable |
| Hickman, Adam | Transource Energy LLC | Other Supplier |
| Bonnie Lamond | Highview Power | Not Applicable |
| Hoang, Liem | PJM Interconnection, LLC | Not Applicable |
| Hoatson, Tom | Riverside Generating, LLC | Other Supplier |
| Hohenshilt, Jennifer | Talen Energy Marketing, LLC | Generation Owner |
| Hollis, Gabriel | NextEra Energy Transmission, LLC | Other Supplier |
| Horger, Tim | PJM Interconnection, LLC | Not Applicable |
| Horning, Lynn Marie | Customized Energy Solutions, Ltd. | Not Applicable |
| Hozempa, Lawrence | FirstEnergy Solutions Corp. | Transmission Owner |

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| Hyzinski, Tom | GT Power Group | Not Applicable |
| Iler, Art | Indiana Office of Utility Consumer Counsel | End User Customer |
| Islam, Lubaba | Navigant Consulting, Inc. | Not Applicable |
| Jacobs, Michael | Union of Concerned Scientists | Not Applicable |
| Janicki, Diane | Boston Energy Trading & Marketing, LLC | Generation Owner |
| Jha, Monica | PCI | Not Applicable |
| Johnson, Carl | Customized Energy Solutions, Ltd. | Not Applicable |
| Johnston, David | Indiana Utility Regulatory Commission | Not Applicable |
| Jones, Sharron | North Carolina Municipal Power Agency # 1 | Other Supplier |
| Kalle, Ibrahima | Tibiri Energies | Not Applicable |
| Karp, Aaron | Public Service Electric & Gas Company | Transmission Owner |
| Keegan, John | Just Energy Solutions, Inc. | Other Supplier |
| Kelly, Stephen | Brookfield Energy Marketing LP | 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 |
| Lyakhovich, Leonid | Public Service Electric & Gas Company | Transmission Owner |
| Mabry, David | McNees Wallace & Nurick LLC | Not Applicable |
| Marrero-Torres, Orlando | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| mason, julie | Duke Energy Ohio, Inc. | Transmission Owner |
| McDonnell, Devon | Other | Not Applicable |
| McGlynn, Paul | PJM Interconnection, LLC | Not Applicable |
| Mehta, Gaurav | Enel Trading North America, LLC | Other Supplier |
| Mertz, Christopher | Virginia Electric & Power Company | Transmission Owner |
| Mooney, Jeffrey | FirstEnergy Solutions Corp. | Transmission Owner |
| Mousa, Ahmed | Public Service Electric & Gas Company | Transmission Owner |
| Murphy, Shaun | PJM Interconnection, LLC | Not Applicable |
| Niu, Grace | PJM Interconnection, LLC | Not Applicable |
| Nix, Emma | Gable and Associates | Not Applicable |
| Ondayko, Brock | Appalachian Power Company | Transmission Owner |
| Pelletier, Eveline | Hydro-Quebec | Not Applicable |
| Pezalla, William | Old Dominion Electric Cooperative | Electric Distributor |
| Phillips, Darlene | PJM Interconnection, LLC | Not Applicable |
| 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 |
| Rajan, Abhijit | Dominion Resources | Not Applicable |
| Robinson, Becky | Vistra Energy | Not Applicable |
| Rodriguez, Tomas | Organization of PJM States, Inc. | Not Applicable |
| Roychowdhury, Raj | AES ES Holdings, LLC | Generation Owner |
| Rupert, D | Appalachian Power Company | Transmission Owner |
| Russ, Michael | Dayton Power & Light Company (The) | Transmission Owner |
| Sasser, Jonathan | Customized Energy Solutions, Ltd.* | Not Applicable |
| Shaffer, Chris | Appalachian Power Company | Transmission Owner |
| Shegarfi, Roozbeh | Exelon Energy Company | Transmission Owner |
| Shenk, Jordan | PJM Interconnection, LLC | Not Applicable |
| Shih, ChengHao | National Grid | Not Applicable |
| Souder, David | PJM Interconnection, LLC | Not Applicable |
| Squibb, Bill | Ohio Valley Electric | Generation Owner |
| Stanisz, Mark | PJM Interconnection, LLC | Not Applicable |
| Stenger, Jennifer | Duke Energy | Transmission Owner |
| Stern, Alexander (Alex) | Public Service Electric & Gas Company | Transmission Owner |
| Stuchell, Jeff | FirstEnergy Solutions Corp. | Transmission Owner |
| Sweeney, Rory | GT Power Group | Not Applicable |
| Talbot, Soria | NextEra Energy Power Marketing, LLC | Generation Owner |
| Tan, Andrew | Eversource Energy | Not Applicable |
| Taylor, Robert | Exelon Business Services Company, LLC | Transmission Owner |
| Thomas, Amber | PPL Electric Utilities Corp. dba PPL Utilities | Transmission Owner |
| Thundiyl, Kevin | Exelon Energy Company | Transmission Owner |
| VanAmburg, Cari | Recurrent Energy, LLC | Generation Owner |

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| Von Pinho, Frederico | NextEra Energy Transmission, LLC | Other Supplier |
| Ward, Mike | PJM Interconnection, LLC | Not Applicable |
| Weber, Adam | Union Electric Company d/b/a Ameren Missouri | Other Supplier |
| 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 |
| Zhang, Li (Frank) | Dominion Virginia Power | Not Applicable |

Provide feedback on the progress of this group: [Facilitator Feedback Form](#)
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