

**Fuel Security Senior Task Force**  
**PJM Conference and Training Center**  
**April 05, 2019**  
**9:00 a.m. – 4:00 p.m. EPT**

## Administration (9:00-9:10)

1. Ms. Melissa Pilog provided the welcome announcements and review of the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines.

## Task Force Initiation (9:10-09:35)

2. Problem Statement/ Issue Charge Overview (09:10-9:20)

Mr. Timothy Horger led a review of the Fuel Security Senior Task Force Problem Statement and Issue Charge approved by the Markets & Reliability Committee at its March 21, 2019 meeting.

3. Draft Charter (09:20-09:30)

Ms. Rebecca Carroll reviewed the draft charter for the Fuel Security Senior Task Force (FSSTF).

4. Work Plan (09:30-09:40)

Ms. Rebecca Carroll led a discussion of the work plan and meeting schedule for FSSTF.

## Education (09:40-4:00)

5. Resiliency and Reliability (09:40-10:10)

Mr. Timothy Horger provided an overview on the differences between Fuel Security, Capacity Performance, and Reserve Price Formation. Mr. David Souder led a discussion on how to quantify the risk associated with High-Impact Low-Frequency Events in the context of Resilience.

## Break (10:10-10:30)

6. NERC Special Reliability Assessment (Generation Retirement Scenario) and related NERC initiatives (10:30-12:20)

Mr. Thomas Coleman, NERC Director of Risk Issues Management, and Mr. John Moura, NERC Director of Reliability Assessment and Technical Committees, discussed the NERC Generation Retirement Scenario - Special Reliability Assessment - and other Fuel/Energy Security initiatives.

## Lunch (12:20-1:20)

7. Phase 1 Analysis (1:20-4:00)

Mr. Asanga Perera and Mr. David Souder provided a summary on the scope of Phase 1 analysis and engage stakeholders in a discussion regarding additional requested scenarios.

## Future Agenda Items

Update on other ISO/RTO Fuel Security efforts.

## Future Meeting Dates

April 26, 2019	9:00 a.m.- 4:00 p.m.	PJM Conference & Training Center/ WebEx
May 17, 2019	9:00 a.m.- 4:00 p.m.	PJM Conference & Training Center/ WebEx
June 05, 2019	9:00 a.m.- 4:00 p.m.	PJM Conference & Training Center/ WebEx
June 26, 2019	9:00 a.m.- 4:00 p.m.	PJM Conference & Training Center/ WebEx
July 16, 2019	9:00 a.m.- 4:00 p.m.	PJM Conference & Training Center/ WebEx
August 12, 2019	9:00 a.m.- 4:00 p.m.	PJM Conference & Training Center/ WebEx
September 6, 2019	9:00 a.m.- 4:00 p.m.	PJM Conference & Training Center/ WebEx

Author: Melissa Pulong

## In-Person Meeting Attendees

Carroll, Rebecca (Chair)	PJM Interconnection, LLC	Not Applicable
Pulong, Melissa (Secretary)	PJM Interconnection, LLC	Not Applicable
Bennett, Daniel	PJM Interconnection, LLC	Not Applicable
Bernstein, Matthew	PJM Interconnection, LLC	Not Applicable
Bryson, Mike	PJM Interconnection, LLC	Not Applicable
Callaghan, Chris	PJM Interconnection, LLC	Not Applicable
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
DeVita, Thomas	PJM Interconnection, LLC	Not Applicable
Dirani, Rami	PJM Interconnection, LLC	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Hyzinski, Thomas	GT Power Group	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Monzon, Stephanie	PJM Interconnection, LLC	Not Applicable
O'Boyle, Brian	Rockland Electric Company	Transmission Owner
O'Connell, Robert	PPGI Fund A/B Development, LLC	Generation Owner
Patel, Anita	PJM Interconnection, LLC	Not Applicable
Perera, Asanga	PJM Interconnection, LLC	Not Applicable
Pulong, Christopher	PJM Interconnection, LLC	Not Applicable
Pincus, Steven	PJM Interconnection, LLC	Not Applicable
Tacka, Natalie	PJM Interconnection, LLC	Not Applicable
Toomey, Megan	Talen Energy Marketing, LLC	Generation Owner
Tyler, Catherine	Monitoring Analytics	Not Applicable
Warshel, Kim	PJM Interconnection, LLC	Not Applicable
Whitehead, Jeffrey	GT Power Group	Not Applicable

## WebEx Attendees

Adams, Chris	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ahlstrom, Mark	Nextera Energy Services	Other Supplier
Anders, David	PJM Interconnection, LLC	Not Applicable
Anderson, Jared	S&P Global	Not Applicable
Arsalan, Qamar	Public Service Electric & Gas Company	Transmission Owner
Bagot, Nancy	Electric Power Supply Association	Not Applicable
Behr, Chris	Evergreen Community Power	Generation Owner
Benckek, Jim	American Transmission Systems, Inc.	Transmission Owner
Bernstein, Matthew	PJM Interconnection, LLC	Not Applicable
Boyle, Glen	PJM Interconnection, LLC	Not Applicable
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Bruno, Joshua	PJM Interconnection, LLC	Not Applicable
Cadore, Zoe	American Petroleum Institute	Not Applicable
Campbell, Bruce	EnergyConnect, Inc.	Other Supplier
Carmean, Gregory	OPSI	Not Applicable
Caven, Augustine	PJM Interconnection, LLC	Not Applicable
Chen, Jennifer	Natural Resources Defense Council	Not Applicable
Chintapalli, Raj	Galt Power Inc.	Other Supplier
Chmielewski, Brian	PJM Interconnection, LLC	Not Applicable
Cocco, Michael	Old Dominion Electric Cooperative	Electric Distributor
Coleman, Tom	NERC	Not Applicable
Dailey, Michael	Northern Virginia Electric Cooperative	Electric Distributor
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Delaney, Liz	Environmental Defense Fund	Not Applicable
DeLosa, Joseph	DE Public Service Commission	Not Applicable
Depillo, Raymond	PSEG Energy Resources and Trade LLC	Other Supplier
Dillon, Matthew	UGI Development Company	Generation Owner
Domian, Christin	Mitsubishi Electric Power Products Inc.	Not Applicable
Ericson, Christine	Illinois Commerce Commission	Not Applicable
Falin, Tom	PJM Interconnection, LLC	Not Applicable
Fields, William	Maryland Office of Peoples Counsel	End User Customer
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Foladare, Kenneth	Tangibl	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Gates, Terry	Appalachian Power Company	Transmission Owner
Gebolys, Debbie	Public Utilities Commission of Ohio (The)	Not Applicable
Genuario, Gabrielle	PJM Interconnection, LLC	Not Applicable
George, Brian	Federal Energy Regulatory Commission	Not Applicable
Gilani, Rehan	ConEdison Energy, Inc.	Other Supplier

Goggin, Michael	American Wind Energy Association	Not Applicable
Gramlich, Rob	Grid Strategies, LLC	Not Applicable
Greiner, Gary	PSEG Energy Resources and Trade LLC	Other Supplier
Hanser, Erik	Michigan Public Service Commission	Not Applicable
Hastings, David	Market Interconnection LLC	Not Applicable
Hauske, Thomas	PJM Interconnection, LLC	Not Applicable
Heinle, Erik	Office of the People's Counsel	End User Customer
Heisey, Bradley	Wolf Hills Energy, LLC	Generation Owner
Henry, Michelle	American Transmission Systems, Inc.	Transmission Owner
Herel, Suzanne	PJM Interconnection, LLC	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Horning, Lynn	Customized Energy Solutions, Ltd.	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Horton, Dana	Appalachian Power Company	Transmission Owner
Huang, Jame	Rockland Electric Company	Transmission Owner
Hutt, Daniel	Public Service Electric & Gas Company	Transmission Owner
Jacobs, Mike	Union of Concerned Scientists	Not Applicable
Jagtiani, Patricia	Natural Gas Supply Association	Not Applicable
Janicki, Diane	Boston Energy Trading & Marketing, LLC	Generation Owner
Johnson, Carl	Customized Energy Solutions, Ltd.*	Not Applicable
Johnson, Beth	PPL Electric Utilities Corporation d/b/a PPL Utilities	Not Applicable
Johnston, David	Indiana Utility Regulatory Commission	Not Applicable
Josyula, Siva	Monitoring Analytics, LLC	Not Applicable
Kelly, Stephen	Brookfield Energy Marketing LP	Other Supplier
Keshavamurthy, Bhavana	PJM Interconnection, LLC	Not Applicable
Koepplinger, Allie	Michigan Public Service Commission	Not Applicable
LaRocque, Matthew	PJM Interconnection, LLC	Not Applicable
LaVista, Bill William	PSEG Energy Resources and Trade, LLC	Transmission Owner
Lee, Ray	PJM Interconnection, LLC	Not Applicable
Leopold, Chris	Appalachian Power Company	Transmission Owner
Liang-Nicol, Cecilia	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Mancuso, Melanie	FirstEnergy Solutions Corp.	Transmission Owner
McGlynn, Paul	PJM Interconnection, LLC	Not Applicable
Moura, John	NERC	Not Applicable
Norton, Chris	American Municipal Power, Inc.	Electric Distributor
Ober, David	Indiana Utility Regulatory Commission	Not Applicable
O'Connor, Siobhan	Energy Authority, Inc. (The)	Other Supplier
Ondayko, Brock	Appalachian Power Company	Transmission Owner

Pakela, Greg	DTE Energy Trading, Inc.	Other Supplier
Pakula, Maggie	Invenergy, LLC	Generation Owner
Patel, Keyur	PJM Interconnection, LLC	Not Applicable
Patel, Anita	PJM Interconnection, LLC	Not Applicable
Peoples, John	Duquesne Light Company	Transmission Owner
Phillips, Marjorie (Marji)	Direct Energy Business, LLC	Other Supplier
Poulos, Greg	CAPS	Not Applicable
Purdie, Michael	Dominion Virginia Power	Not Applicable
Rainey, Frank	PEI Power Corporation	Generation Owner
Rocha-Garrido, Patricio	PJM Interconnection, LLC	Not Applicable
Rumsey, Amanda	PPL Electric Utilities Corporation d/b/a PPL Utilities	Not Applicable
Rutigliano, Tom	Achieving Equilibrium LLC	Other Supplier
Salaneck, Alexandra	Monitoring Analytics, LLC	Not Applicable
Sasser, Jonathan	Customized Energy Solutions, Ltd.*	Not Applicable
Schuyler, Ken	PJM Interconnection, LLC	Not Applicable
Schweizer, David	PJM Interconnection, LLC	Not Applicable
Smaczniak, Kim	Earthjustice	Not Applicable
Smith, Christen	RTO Insider	Not Applicable
Stefanowicz, Vincent	PJM Interconnection, LLC	Not Applicable
Stern, Alexander Alex	Public Service Electric & Gas Company	Transmission Owner
Sturgeon, John	Duke Energy Carolinas, LLC	Other Supplier
Vargo, Daniel	Allegheny Electric Cooperative, Inc.	Electric Distributor
Ward, Michael	PJM Interconnection, LLC	Not Applicable
Wehr, Christopher	Ohio Edison Company	Transmission Owner
Wilson, James	Wilson Energy Economics	Not Applicable
Wolfe, Alice	Blue Ridge Power Agency, Inc.	Electric Distributor
Zevin, Avi	Other	Not Applicable