

**Resource Adequacy Senior Task Force
WebEx Only
January 10, 2022
9:00 a.m. – 4:00 p.m. EPT**

Administration (9:00-9:15)

1. Dave Anders, facilitator, and Alex Scheirer, secretary, welcomed participants, made announcements, and reviewed the Antitrust, Code of Conduct, and Public Meetings/Media Participation Guidelines.

The senior task force approved the Draft Minutes for the December 17, 2021 RASTF meeting.

Dave Anders, facilitator, provided a brief update on activities of the other reliability services assessment at the OC, the Load Analysis Subcommittee, and the Quadrennial Review MIC Special Sessions.

Education and CBIR (9:15-4:00)

2. Supply-Side Market Power Mitigation Rules - Key Work Activity #9 (9:15-11:20)

- A. Joe Bowring, IMM, provided perspectives on the Market Seller Offer Cap (MSOC).

Chen Lu, PJM, provided a high-level update on the Reserve Price Formation Order on Voluntary Remand and encouraged stakeholders to attend the January MIC for more information. This update was not originally on the RASTF agenda.

- B. Pat Bruno, PJM, provided perspectives on the Market Seller Offer Cap (MSOC).

- C. Dave Anders, facilitator, led a discussion to begin the Consensus Based Issue Resolution Process focused on Interest Identification and Design Components. Stakeholders provided interests on Market Seller Offer Cap (MSOC). Pat Bruno, PJM, reviewed draft design components. Stakeholders contributed design components. For more information about this step in the CBIR process, please refer to [Manual 34 Section 7.2](#).

Break 11:20 – 11:25

3. Procurement Metric and Level - Key Work Activity #3 (11:25-12:25)

Patricio Rocha Garrido, PJM, provided education on various reliability metrics. This related to Key Work Activity #3 on the draft issue charge, determine the desired procurement metric and level to maintain the desired level of reliability.

Lunch Break (12:25– 12:45)

4. Reliability Risks and Drivers - Key Work Activity #2 (12:45-2:00)

Mark Olson and John Moura, NERC, provided an overview of the NERC 2021 Winter Report. Due to time constraints, discussion of Interest Identification and Design Components was deferred to the next RASTF meeting.

5. Clean Procurement - Key Work Activity #1 (2:00- 4:00)

Stakeholders provided perspectives on Clean Procurement:

- A. Joe DeLosa and Abe Silverman, New Jersey Board of Public Utilities
- B. Brian Kauffman, Enel North America
- C. Susan Bruce, McNees, Wallace & Nurick on behalf of the PJM Industrial Customer Coalition
- D. Marji Philips and Tom Hoatson, LS Power
- E. Becky Robinson, Vistra
- F. Jeff Dennis, Advanced Energy Economy
- G. Emma Nix, Gabel Associates on behalf of York County Solid Waste and Refuse Authority and Covanta


Due to time constraints, discussion of Interest Identification and Design Components was deferred to the next RASTF meeting.

Next Steps (4:00-4:05)

- 6. Dave Anders will discuss next steps

Future Agenda Items (0:00)

Education, Stakeholder and PJM perspectives, Discussion and Initial Determination on Key Work Activity #1 on the draft issue charge.

Future Meeting Dates and Materials			Materials Due to Secretary 	Materials Published
Date	Time	Location		
February 4, 2022	9:00 a.m. – 4:00 p.m.	WebEx	January 27, 2022	February 1, 2022
February 28, 2022	9:00 a.m. – 4:00 p.m.	WebEx	February 17, 2022	February 23, 2022
March 24, 2022	9:00 a.m. – 4:00 p.m.	WebEx	March 16, 2022	March 21, 2022
April 11, 2022	9:00 a.m. – 4:00 p.m.	WebEx	April 1, 2022	April 6, 2022
May 6, 2022	9:00 a.m. – 4:00 p.m.	WebEx	April 28, 2022	May 3, 2022

May 26, 2022	9:00 a.m. – 4:00 p.m.	WebEx	May 18, 2022	May 23, 2022
June 20, 2022	9:00 a.m. – 4:00 p.m.	WebEx	June 13, 2022	June 16, 2022

WebEx Attendees

Names	Company Name	Sector
Anders, Dave (Facilitator)	PJM Interconnection	Not Applicable
Scheirer, Alex (Secretary)	PJM Interconnection	Not Applicable
Bagot, Nancy	Electric Power Supply Association	Not Applicable
Baker, Laura	Stone, Mattheis, Xenopoulos & Brew, PC	Not Applicable
Baker, Scott	PJM Interconnection	Not Applicable
Barker, Jason	Exelon Business Services Company, LLC	Transmission Owner
Barmack, Matthew	Calpine Energy Services, L.P.	Generation Owner
Bastian, Jeff	PJM Interconnection	Not Applicable
Beban, Madalyn	PJM Interconnection	Not Applicable
Benckek, Jim	FirstEnergy Corporation	Transmission Owner
Benetti, Alex	Dayton Power & Light Company (The)	Transmission Owner
Bennett, Dan	PJM Interconnection	Not Applicable
Bennett, Stephen	PJM Interconnection	Not Applicable
Bernstein, Matthew	PJM Interconnection	Not Applicable
Bischof, Zander	Cypress Creek Renewables, LLC	Generation Owner
Borum, Larry	Illinois Commerce Commission	Not Applicable
Boyle, Glen	PJM Interconnection	Not Applicable
Breidenbaugh, Aaron	Rodan Energy Solutions (USA) Inc.	Other Supplier
Bresler, Stu	PJM Interconnection	Not Applicable
Brian, McArdle,	NextEra Energy Power Marketing, LLC	Other Supplier
Brodbeck, John	EDP Renewables North America LLC	Generation Owner
Brouillette, Kyle	Indiana Municipal Power Agency	Electric Distributor
Bruce, Susan	McNees Wallace & Nurick LLC	Not Applicable
Bruno, Joshua	PJM Interconnection	Not Applicable
Bruno, Patrick	PJM Interconnection	Not Applicable
Bryson, Michael	PJM Interconnection	Not Applicable
Burdis, Tim	PJM Interconnection	Not Applicable
Burnham, Kat	Advanced Energy Economy	Not Applicable
Callen, Zachary	Illinois Commerce Commission	Not Applicable
Campbell, Bruce	Enerwise Global Technologies, LLC	Other Supplier
Canter, David	Appalachian Power Company	Transmission Owner
Capots, Justin	Lancaster County Solid Waste Management Authority	Generation Owner
Cario, Andrea	Allegheny Power	Not Applicable
Carmean, Gregory	Organization of PJM States, Inc.	Not Applicable

Carrier, Ron	Big Lake Consulting Group, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection	Not Applicable
Chang, Sean	Shell Energy North America (US), L.P.	Other Supplier
Christopher, Mahila	Public Utilities Commission of Ohio	Not Applicable
Colaresi, Chandra	Enerwise Global Technologies, LLC	Other Supplier
Conklin, Tyler	Public Utilities Commission of Ohio	Not Applicable
Crosby, Matthew	Cypress Creek Renewables, LLC	Generation Owner
Curtis, Kenneth	Drilling Info, Inc.	Not Applicable
D'Alessandris, Lou	American Transmission Systems, Inc.	Transmission Owner
D'Antonio, Philip	PJM Interconnection	Not Applicable
Davis, Elizabeth	PJM Interconnection	Not Applicable
Davis, Jim	Dominion Energy Generation Marketing, Inc.	Generation Owner
Deerman, David	Southern Company	Other Supplier
DeLosa, Joe	New Jersey Board of Public Utilities	Not Applicable
Dennis, Jeff	Advanced Energy Economy, Inc.	Not Applicable
Dorko, Keri	Monitoring Analytics	Not Applicable
Downs, Jere	PJM Interconnection	Not Applicable
Drivas, Cristina	Whitetail Solar 1, LLC	Generation Owner
Drom, Rick	Other	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Elkins, Rachel	American Transmission Systems, Inc.	Transmission Owner
Ericson, Christine	Illinois Commerce Commission	Not Applicable
Esterly, Theresa	PJM Interconnection	Not Applicable
Falin, Tom	PJM Interconnection	Not Applicable
Fan, Zhenyu	PJM Interconnection	Not Applicable
Fee, George	Appalachian Power Company	Transmission Owner
Filomena, Guy	Customized Energy Solutions, Ltd.	Not Applicable
Fink, Regan	Pine Gate Renewables	Not Applicable
Fink, Sari	American Clean Power Association	Not Applicable
Fishback, Luke	Affirmed Energy LLC	Other Supplier
Foladare, Kenneth	Geenex Solar LLC	Generation Owner
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Foster Cronin, Denise	East Kentucky Power Cooperative, Inc.	Transmission Owner
Fuller, Pete	Autumn Lane Energy Consulting LLC	Not Applicable
Garnett, Bryan	Duke Energy Business Services LLC	Transmission Owner
Gates, Jill	PJM Interconnection	Not Applicable
Gates, Terry	Appalachian Power Company	Transmission Owner
Gilani, Rehan	Consolidated Edison Energy, Inc.	Other Supplier
Glazer, Craig	PJM Interconnection	Not Applicable

Glazer, Grant	RMI	Not Applicable
Gledhill, Andrew	PJM Interconnection	Not Applicable
Gluck, Jim	PJM Interconnection	Not Applicable
Good, Megan	Pennsylvania Public Utility Commission	Not Applicable
Gorman, Brad	Allegheny Power	Transmission Owner
Graf, Walter	PJM Interconnection	Not Applicable
Greening, Michele	PJM Interconnection	Not Applicable
Haque, Asim	PJM Interconnection	Not Applicable
Hastings, David	DHAST Co.	Not Applicable
Hauske, Tom	PJM Interconnection	Not Applicable
Heinle, Erik	Office of the People's Counsel for the District of Columbia	End-Use Customer
Heisey, Bradley	Tenaska Pennsylvania Partners, LLC	Generation Owner
Helm, Gary	PJM Interconnection	Not Applicable
Hoatson, Thomas	West Deptford Energy, LLC	Generation Owner
Hohenshilt, Jennifer	Talen Energy Marketing, LLC	Generation Owner
Holland, Risa	PJM Interconnection	Not Applicable
Horger, Tim	PJM Interconnection	Not Applicable
Horning, Lynn	Customized Energy Solutions, Ltd.	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Hsia, Eric	PJM Interconnection	Not Applicable
Hudis, Gabriella	Gabel & Associates	Not Applicable
Hull, Gerit	American Municipal Power, Inc.	Electric Distributor
Hyzinski, Tom	GT Power Group, LLC	Not Applicable
Iler, Art	Indiana Office of Utility Consumer Counsel	End-Use Customer
Janicki, Diane	Boston Energy Trading and Marketing LLC	Other Supplier
Jardot, Gina	NRG Curtailment Solutions, Inc.	Other Supplier
Jett, Wm	Duke Energy Business Services LLC	Transmission Owner
Joe, Bowring	Monitoring Analytics, LLC	Not Applicable
Johnson, Carl	Customized Energy Solutions, Ltd.	Not Applicable
Johnston, Dave	Indiana Utility Regulatory Commission	Not Applicable
Josyula, Siva	Monitoring Analytics	Not Applicable
Kauffman, Brian	Enel X North America, Inc.	Other Supplier
Keech, Adam	PJM Interconnection	Not Applicable
Keegan, Jack	PJM Interconnection	Not Applicable
Kelly, Stephen	Brookfield Renewable Trading and Marketing LP	Other Supplier
Kenney, Susan	PJM Interconnection	Not Applicable
Kilgallen, Kevin	Avangrid Renewables, LLC	Generation Owner
Kirk, Ryan	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Kogut, George	New York Power Authority	Other Supplier

Kothakapu, Rakesh	Illinois Municipal Electric Agency	Electric Distributor
Ladin, Sarah	New York University	Not Applicable
Laguardia, Alex	Covanta Energy Marketing LLC	Generation Owner
Lake, Diane	PJM Interconnection	Not Applicable
Lamanna, William	North American Electric Reliability Corporation	Not Applicable
Langbein, Peter	PJM Interconnection	Not Applicable
LaRocque, Matt	PJM Interconnection	Not Applicable
Lazinski, Chris	BayWa r.e.	Not Applicable
Levitt, Andrew	PJM Interconnection	Not Applicable
Lewis, Cara	PSEG Energy Resources & Trade LLC	Other Supplier
Liang-Nicol, Cecilia	Allegheny Power	Transmission Owner
Lu, Chen	PJM Interconnection	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Matheson, Eric	Other	Not Applicable
McClelland, Maura	Public Utilities Commission of Ohio (The)	Not Applicable
McCormick, Katharine	Illinois Commerce Commission	Not Applicable
McDaniel, John	Baltimore Gas and Electric Company	Transmission Owner
McDewell, Christian	Pennsylvania Public Utility Commission	Not Applicable
McNeil, Justin	Office of the Attorney General, Kentucky	Not Applicable
Megali, Brian	Exelon Business Services Company, LLC	Transmission Owner
Midgley, Sharon	Exelon Business Services Company, LLC	Transmission Owner
Ming, Zachary	E3	Not Applicable
Mooney, Molly	PJM Interconnection	Not Applicable
Moura, John	North American Electric Reliability Corporation	Not Applicable
Mroz, David	PJM Interconnection	Not Applicable
Murphy Lee, Lori	PJM Interconnection	Not Applicable
Neu, Scott	AES Integrated Energy, LLC	Other Supplier
Nix, Emma	Jersey Green Energy LLC	Other Supplier
Okenfuss, James	Savion, LLC	Not Applicable
Olson, Mark	North American Electric Reliability Corporation	Not Applicable
Ondayko, Brock	AEP Energy Partners, Inc.	Transmission Owner
Pakela, Gregory	DTE Energy Trading, Inc.	Not Applicable
Peacey, Denelle	TransAlta Energy Marketing (U.S.) Inc.	Other Supplier
Perera, Asanga	PJM Interconnection	Not Applicable
Philips, Marjorie	Riverside Generating Company, L.L.C.	Generation Owner
Pilong, Christopher	PJM Interconnection	Not Applicable
Pilong, Melissa	PJM Interconnection	Not Applicable
Poulos, Greg	Organization of PJM States, Inc.	Not Applicable
Price, Ruth Ann	Delaware Division of the Public Advocate	End-Use Customer

Proconiar, Jason	Dayton Power & Light Company (The)	Not Applicable
Pungaliya, Rajat	Pine Gate Mid-Atlantic, LLC	Other Supplier
Quinn, Arnie	Vistra Corporation	Not Applicable
Reynolds, John	PJM Interconnection	Not Applicable
Rinkoski, Marie	Exelon Generation Co., LLC	Generation Owner
Roberts, Casey	Sierra Club	Not Applicable
Robinson, Becky	Vistra Energy	Not Applicable
Robinson, Evelyn	PJM Interconnection	Not Applicable
Rocha-Garrido, Patricio	PJM Interconnection	Not Applicable
Rodriguez, Tomas	Organization of PJM States, Inc.	Not Applicable
Rohrbach, John	Wabash Valley Power Association, Inc.	Electric Distributor
Rutigliano, Tom	Natural Resources Defense Council	Not Applicable
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Rutledge, Craig	Appalachian Power Company	Transmission Owner
Salaneck, Alexandra	Monitoring Analytics, LLC	Not Applicable
Samilo, Greg	CS Energy	Not Applicable
Sasser, Jonathan	Customized Energy Solutions, Ltd.	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner
Schisler, Ken	Enerwise Global Technologies, LLC	Other Supplier
Schmitt, David	New Jersey Board of Public Utilities	Not Applicable
Schreim, Morris	Maryland Public Service Commission	Not Applicable
Schuyler, Ken	PJM Interconnection	Not Applicable
Schweizer, David	PJM Interconnection	Not Applicable
Seireg, Bahaa	Rockland Electric Company	Transmission Owner
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Siegner, Katie	RMI	Not Applicable
Silverman, Abe	New Jersey Board of Public Utilities	Not Applicable
Snitchler, Todd	Public Utilities Commission of Ohio (The)	Not Applicable
Sotkiewicz, Paul	E-Cubed Policy Associates	Not Applicable
Spees, Kathleen	The Brattle Group	Not Applicable
Stadelmeyer, Rebecca	PJM Interconnection	Not Applicable
Stern, Alex	Public Service Electric & Gas Company	Transmission Owner
Sternisha, Lori	Public Utilities Commission of Ohio (The)	Not Applicable
Stines, Zachary	Borrego Solar	Not Applicable
Stupar, Rob	Invenergy Energy Management LLC	Generation Owner
Suh, Jung	Calpine Energy Services, L.P.	Generation Owner
Sussler, Philip	Maryland Office of People's Counsel	End-Use Customer
Svenson, Heather	PSEG Energy Resources & Trade LLC	Other Supplier
Swalwell, Brad	Tangent Energy Solutions, Inc.	Other Supplier

Sweeney, Rory	GT Power Group, LLC	Not Applicable
Teplin, Chaz	RMI	Not Applicable
Terranova, Christopher	PJM Interconnection	Not Applicable
Theodore, Sharon	Electric Power Supply Association	Not Applicable
Toppo, Shilpa	174 Power Global	Not Applicable
Tribulski, Jen	PJM Interconnection	Not Applicable
Wadsworth, Joe	Vitol Inc.	Other Supplier
Walker, Tori	Pine Gate Mid-Atlantic, LLC	Other Supplier
Wallace, Colleen	Energy Exemplar	Not Applicable
Warshel, Kim	PJM Interconnection	Not Applicable
Watson, Brian	Appalachian Power Company	Transmission Owner
Webster, John	Icetec.com, Inc.	Other Supplier
Wehnes, Kathleen	Maryland Department of the Environment	Not Applicable
White, Brett	Pine Gate Renewables	Not Applicable
Whitehead, Jeff	GT Power Group	Not Applicable
Widom, Stuart	PJM Interconnection	Not Applicable
Wilson, James	Wilson Energy Economics	Not Applicable
Wisersky, Megan	Madison Gas & Electric Co.	Other Supplier
Yoder, Michael	RTO Insider	Not Applicable
Zemanek, Kevin	Buckeye Power, Inc.	Electric Distributor

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