



Resource Adequacy Senior Task Force PJM Conference and Training Center February 14, 2023 9:00 a.m. – 4:00 p.m. EPT

### Administration (9:00-9:20)

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

The task force approved the Draft Minutes for the RASTF meeting on January 31, 2023.

There were not updates on activities of Clean Attribute Procurement Senior Task Force and Load Analysis Subcommittee.

Dave Anders reviewed the RASTF Work Plan.

### Education and CBIR Process (9:20-3:00)

- 2. Dave Anders, PJM, lead a discussion on the translating conceptual designs into the consolidated detailed design matrix.
  - A. Pat Bruno, PJM, discussed the PJM design translation to options.
  - B. Paul Sotkiewicz, E-Cubed Policy Associates, presented on the E-Cubed design translation to options.
  - C. Tom Rutigliano, NRDC, discussed the NRDC/RMI/Sierra Club joint design translation to options.
- 3. Patricio Rocha Garrido, PJM, provided a follow up on the review of the data analysis presented at the January 18, 2023 meeting.
- 4. Walter Graf, PJM, presented on performance incentives.

Lunch Break around 12:00

#### **Additional Items**

- 5. Market Seller Offer Cap Calculation (MSOC) Discussion continued.
  - A. Stakeholders provided additional thoughts on the MSOC conversation from the January 31, 2023 RASTF and February 8, 2023 Market Implementation meetings.

### Additional Information

6. IMM High Level Capacity Market Design Proposal

### Next Steps (3:50-4:00)

7. Dave Anders will discuss next steps.





### Future Agenda Items (0:00)

Future Meeting Dates and Materials			Materials Due	Materials
Date	Time	Location	to Secretary	Published
February 28, 2023	9:00 am – 12:00 pm	PJM Conference & Training Center / WebEx	February 20, 2023	February 23, 2023
March 15, 2023	9:00 a.m. – 4:00 p.m.	PJM Conference & Training Center / WebEx	March 7, 2023	March 10, 2023
March 28, 2023	9:00 am – 12:00 pm	PJM Conference & Training Center / WebEx	March 20, 2023	March 23, 2023

Author: J. Lukach

### In Person Attendees

Names	Company Name	Sector
Anders, David (Facilitator)	PJM Interconnection	Not Applicable
Lukach, Jaclynn (Secretary)	PJM Interconnection	Not Applicable
Bruno, Pat	PJM Interconnection	Not Applicable
Foladare, Kenneth	Geenex Solar LLC	Generation Owner
Graf, Walter	PJM Interconnection	Not Applicable
Kauffman, Brian	Enel X North America, Inc.	Other Supplier
Kogut, George	New York Power Authority	Other Supplier
Rocha-Garrido, Patricio	PJM Interconnection	Not Applicable
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner

### WebEx Attendees

Names	Company Name	Sector
Abdur-Rahman, Muhsin	ABB Enterprise Software Inc.	Not Applicable
Anderson, Bob	Tenaska Power Services Co	Generation Owner
Anderson, Juliet	Constellation Energy Generation, LLC	Generation Owner
Baker, Laura	Stone, Mattheis, Xenopoulos & Brew, PC	Not Applicable
Baker, Scott	PJM Interconnection	Not Applicable
Barker, Jason	Constellation Energy Generation, LLC	Generation Owner
Barmack, Matt	Calpine Energy Services, L.P.	Generation Owner
Benchek, Jim	FirstEnergy Corporation	Transmission Owner
Bernabeu, Emanuel	PJM Interconnection	Not Applicable
Bischof, Zander	MN8 Energy LLC	Not Applicable
Bloom, David	Baltimore Gas and Electric Company	Transmission Owner
Brodbeck, John	EDP Renewables North America LLC	Generation Owner





Brouillette, Kyle Indiana Municipal Power Agency Electric Distibutor
Bruno, Joshua PJM Interconnection Not Applicable
Bunch, Kevin EDF Not Applicable

Burnham, Kat Advanced Energy Economy Not Applicable
Cabezas, Angela PJM Interconnection Not Applicable
Callen, Zachary Illinois Commerce Commission Not Applicable
Campbell, Bruce Campbell EA Not Applicable

Canter, David Appalachian Power Company Transmission Owner
Cario, Andrea FirstEnergy Corporation Transmission Owner

Carrette Kenny Net Applicable

Carretta, Ken Huntonak Not Applicable
Carrier, Ron Big Lake Consulting Not Applicable
Carroll, Rebecca PJM Interconnection Not Applicable

Carson, Donna East Kentucky Power Cooperative, Inc. Transmission Owner Christopher, Mahila Public Utilities Commission of Ohio Not Applicable

Clifford, Brigid PG Renewables

Concina, Wendell Commonwealth Edison Company Transmission Owner Other Supplier Corash, Richard PSEG Energy Resources & Trade LLC Coyle, Billy Dominion Energy Generation Marketing, Inc. Generation Owner Croop, Danielle PJM Interconnection Not Applicable Curtis, Kenneth Drilling Info, Inc Not Applicable Davis, Jim Dominion Energy Generation Marketing, Inc. Generation Owner

Dillon, Matt UGI Development Company Generation Ownermccel

Dimailig, JoshuaJust EnergyNot ApplicableDimenstein, LibbyNew York UniversityNot ApplicableDolan, RyanElectric Power EngineersNot ApplicableDomian, ChristinDuquesne Light CompanyTransmission Owner

Dorko, Keri Monitoring Analytics Not Applicable

Douglass, Robert Constellation Energy Generation, LLC Generation Owner

Drom, Rick Other Not Applicable

Drom, Rick Other Not Applicable

Drom, Rick Other Not Applicable

Dugan, Chuck East Kentucky Power Cooperative, Inc. Transmission Owner

Ericson, Christine Illinois Commerce Commission Not Applicable Esquivel, Manuel Enel X North America, Inc. Other Supplier Esterly, Theresa Not Applicable PJM Interconnection Falin, Tom PJM Interconnection Not Applicable Farhat, Michelle Not Applicable PJM Interconnection Fee, George Appalachian Power Company Transmission Owner

Filomena, Guy Customized Energy Solutions, Ltd. Not Applicable
Fink, Sari American Clean Power Association Not Applicable
Ford, Adrien Old Dominion Electric Cooperative Electric Distributor





Foster-Cronin, Denise East Kentucky Power Cooperative, Inc. Transmission Owner Gaddes, Caleb Whitetail Solar 1, LLC

Gates, Terry Appalachian Power Company Gilani, Rehan Consolidated Edison Energy, Inc.

Glazer, Grant RMI

Gledhill, Andrew PJM Interconnection

Granstrand, Luke Dominion Energy Generation Marketing, Inc. **Generation Owner** Greene, Benjamin AEP Appalachian Transmission Company, Inc. Guntle, Vince American PowerNet Management Hanser, Erik Michigan Public Service Commission Not Applicable

Hartung, Shanna PJM Interconnection

Hastings, David DHAST Co.

Hauske, Tom PJM Interconnection

Office of the Peoples Counsel for the District of

Heinle, Erik

Helms, Joe Rainbow Energy Marketing Corporation

Herrera, Maria PJM Interconnection Hiroaki, Ushijima Elwood Energy, LLC Hoatson, Thomas West Deptford Energy, LLC Hohenshilt, Jennifer Talen Energy Marketing, LLC Hohenshilt, Jennifer Talen Energy Marketing, LLC

Horger, Tim PJM Interconnection Horning, Lynn American Municipal Power, Inc.

Horstmann, John Dayton Power & Light Company (The)

Hsia. Eric PJM Interconnection Hudis, Gabriella Jersey Green Energy LLC Hull, Gerit American Municipal Power, Inc. Hyzinski, Tom GT Power Group, LLC

Indiana Office of Utility Consumer Counsel ller, Art Janicki, Diane Boston Energy Trading and Marketing LLC

Jardot, Gina NRG Power Marketing LLC

Jeune, Reynaldo Noel Orsted

Johnson, Carl Customized Energy Solutions, Ltd. Johnston, Dave Indiana Utility Regulatory Commission

Jones, Peter Savion, LLC

Jones, Scott Indiana Office of Utility Consumer Counselor Kayne, Sam Delaware Public Service Commission

Kelly, Stephen Brookfield Renewable Trading and Marketing LP

**Duquesne Light Company** Kent, Janessa Keshavamurthy, Bhavana PJM Interconnection Avangrid Renewables, LLC Kilgallen, Kevin

Generation Owner Transmission Owner Other Supplier Not Applicable Not Applicable

Transmission Owner **End-Use Customer** Not Applicable Not Applicable Not Applicable

**End-Use Customer** Other Supplier Not Applicable **Generation Owner Generation Owner Generation Owner** Generation Owner Not Applicable Electric Distributor Transmission Owner

Not Applicable Other Supplier Electric Distributor Not Applicable **End-Use Customer** Other Supplier Generation Owner Not Applicable Not Applicable Not Applicable Not Applicable

**End-Use Customer** Not Applicable Other Supplier **Transmission Owner** Not Applicable Generation Owner



Ressin, Sam

Roberts, Casey

Rogers, Aaron

Rohrbach, John

Rutigliano, Tom

Rutledge, Craig



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Koepplinger, Alexandria	Michigan Public Service Commission	Not Applicable
Kroh, Judson	RES America Developments, Inc.	Generation Owner
LaVista, William	RWE	Not Applicable
Lawton, Nick	Earthjustice	Not Applicable
Le, Binh	PCI Energy Solutions	
Leith-Yessian, Devin	RTO Insider	Not Applicable
Liang-Nicol, Cecilia	FirstEnergy Corporation	Transmission Owner
Libbos, Robin	FirstEnergy Corporation	Transmission Owner
Lieberman, Steven	American Municipal Power, Inc.	Electric Distributor
Lu, Chenchao	PJM Interconnection	Not Applicable
Mabry, David	McNees Wallace & Nurick LLC	Not Applicable
Mason, Gary	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
McClelland, Maura	Public Utilities Commission of Ohio (The)	Not Applicable
McDaniel, John	Baltimore Gas and Electric Company	Transmission Owner
McDewell, Christian	Pennsylvania Public Utility Commission	Not Applicable
McNicholas, Daniel	Cogentrix Virginia Financing Holding Company, LLC	Other Supplier
Miller, John	Calico Energy	Not Applicable
Mohler, Tina	PJM Interconnection	Not Applicable
Montalvo, Marc	Daymark Energy Advisors	Not Applicable
Mooney, Jeff	FirstEnergy Corporation	Transmission Owner
Mooney, Molly	PJM Interconnection	Not Applicable
Morrow, Brian	East Kentucky Power Cooperative, Inc.	Transmission Owner
Moye, Bob	Rainbow Energy Marketing Corporation	Other Supplier
Murray, Kevin	McNees Wallace & Nurick LLC	Not Applicable
Okenfuss. James	Savion, LLC	Not Applicable
Ondayko, Brock	AEP Energy Partners, Inc.	Transmission Owner
Pakela, Gregory	DTE Energy Trading, Inc.	Not Applicable
Patel, Keyar	PJM Interconnection	Not Applicable
Pilong, Christopher	PJM Interconnection	Not Applicable
Pungaliya, Rajat	PG Renewables	Not Applicable
Quevada, Jason	PJM Interconnection	Not Applicable
Rasmussen, Jay	Duke Energy Business Services LLC	Transmission Owner
Reagan, Ryann	New Jersey Board of Public Utilities	Not Applicable

Not Applicable

Not Applicable

Not Applicable

**Transmission Owner** Electric Distributor

Transmission Owner

Advanced Energy Economy

East Kentucky Power Cooperative, Inc.

Wabash Valley Power Association, Inc

Natural Resources Defense Council

Appalachian Power Company

Sierra Club



Sasser, Jonathan	Customized Energy Solutions, Ltd.	Not Applicable
Schmitt, David	New Jersey Board of Public Utilities	Not Applicable
Schuyler, Ken	PJM Interconnection	Not Applicable
Scott, Aaron	PJM Interconnection	Not Applicable
Selick, Sam	Customized Energy Solutions, Ltd.	Not Applicable
Selick, Sam	Customized Energy Solutions, Ltd.	Not Applicable
Shanker, Roy	H.Q. Energy Services (U.S.), Inc.	Other Supplier
Sillin, John	FERC	Not Applicable
Sotkiewicz, Paul	E-Cubed Policy Associates	Not Applicable
Stadelmeyer, Rebecca	Gable and Associates	Not Applicable
Steichen, Renae	LS Power Development, LLC	Not Applicable
Stern, Alex	PSEG Energy Resources & Trade LLC	Other Supplier
Sturgeon, John	Duke Energy Carolinas, LLC	Other Supplier
Sussler, Philip	Maryland Office of People's Counsel	End-Use Customer
Swalwell, Brad	Tangent Energy Solutions, Inc.	Other Supplier
Sweeney, Rory	GT Power Group, LLC	Not Applicable
Swigonski, Frank	PG Renewables	Not Applicable
Tesfa, Nebiat	PJM Interconnection	Not Applicable
Theodore, Sharon	Electric Power Supply Association	Not Applicable
Tribulski, Jen	PJM Interconnection	Not Applicable
Tubridy, Meg	Rockland Electric Company	Transmission Owner
VanderLaan, Bill	Illinois Commerce Commission	Not Applicable
Watson, Brian	Appalachian Power Company	Transmission Owner
Wehnes, Kathleen	Maryland Department of the Environment	Not Applicable
Wharton, Matthew	PJM Interconnection	Not Applicable
Whitehead, Jeff	GT Power Group	Not Applicable
Wilson, James	Wilson Energy Economics	Not Applicable
Wynder, Michael	PJM Interconnection	Not Applicable
Yasutake, Sarah	Gable and Associates	Not Applicable

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You may not discuss any topics that violate, or that might appear to violate, the antitrust laws including but not limited to agreements between or among competitors regarding prices, bid and offer practices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that might unreasonably restrain competition. If any of these items are discussed the chair will re-direct the conversation. If the conversation still persists, parties will be asked to leave the meeting or the meeting will be adjourned.

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