



Resource Adequacy Senior Task Force PJM Conference & Training Center / WebEx August 8, 2022 9:00 a.m. – 4:00 p.m. EPT

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

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 task force approved the Draft Minutes for the RASTF meeting on July 15, 2022.

Dave Anders provided a brief update on activities of Clean Attribute Procurement Senior Task Force, Load Analysis Subcommittee and the Quadrennial Review.

#### Education and CBIR (9:10-3:50)

- 2. Dave Anders reviewed the results from the Market Seller Offer Cap (MSOC) (Key Work Activity 9) vote and discussed next steps. (9:10-9:25)
- 3. Stakeholders provided perspectives on Seasonal Capacity (9:25-11:20)
  - A. Jim Wilson, Wilson Energy Economics
  - B. Marji Philips and Mark Spencer, LS Power
- 4. Patricio Rocha Garrido, PJM, reviewed thermal outages data analysis performed in connection with previous data requests. (11:20-12:20)

Lunch 12:20-1:10

- 5. Andrew Levitt, PJM, provided education on capacity value accreditation concepts in the Reliability Pricing Model. (1:10-3:10)
- 6. Performance Assessment (Key Work Activity 4) Matrix Development Solution Options Dave Anders led a discussion to continue the Consensus Based Issue Resolution process. The Senior Task Force was asked to provide interests and options for performance assessment. For more information about the CBIR process, please refer to Manual 34 Section 7. (3:10-3:40)
- 7. Qualification and Accreditation (Key Work Activity 5) Matrix Development Solution Options Dave Anders led a discussion to continue the Consensus Based Issue Resolution process. The Senior Task Force was asked to provide interests and options on qualification and accreditation. For more information about the CBIR process, please refer to Manual 34 Section 7. (3:40 -3:45)
- 8. Obligations of Capacity Resources (Key Work Activity 6) Matrix Development Solution Options Dave Anders led a discussion to continue the Consensus Based Issue Resolution process. The Senior





Task Force was asked to provide interests and options on obligations of a capacity resource. For more information about the CBIR process, please refer to Manual 34 Section 7. (3:45-3:50)

### Next Steps (3:50-3:55)

### 9. Dave Anders discussed next steps

### Future Agenda Items (0:00)

Future Meeting Dates and Materials			Materials Due	Materials
Date	Time	Location	to Secretary	Published
August 31, 2022	9:00 a.m. – 4:00 p.m.	PJM Conference & Training Center / WebEx	August 23, 2022	August 26, 2022
Sept. 22, 2022	9:00 a.m. – 3:00 p.m.	PJM Conference & Training Center / WebEx	Sept. 14, 2022	Sept. 19, 2022
October 11, 2022	9:00 a.m. – 4:00 p.m.	PJM Conference & Training Center / WebEx	October 3, 2022	October 6, 2022
October 31, 2022	9:00 a.m. – 4:00 p.m.	PJM Conference & Training Center / WebEx	October 21, 2022	October 26, 2022
Nov. 10, 2022	9:00 a.m. – 4:00 p.m.	PJM Conference & Training Center / WebEx	November 2, 2022	November 7, 2022
Nov. 30, 2022	9:00 a.m. – 4:00 p.m.	PJM Conference & Training Center / WebEx	November 18, 2022	November 23, 2022
Dec. 22, 2022	9:00 a.m. – 4:00 p.m.	PJM Conference & Training Center / WebEx	December 14, 2022	December 19, 2022

### WebEx Attendees

Names	Company Name	Sector
Anders, Dave (Facilitator)	PJM Interconnection	Not Applicable
Scheirer, Alex (Secretary)	PJM Interconnection	Not Applicable
Afelumo, Foluso	PJM Interconnection	Not Applicable
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
Barrow, Kimberly	Commonwealth of PA	Not Applicable
Bastian, Jeff	PJM Interconnection	Not Applicable
Benchek, Jim	FirstEnergy Corporation	Transmission Owner
Bennett, Stephen	PJM Interconnection	Not Applicable
Bischof, Zander	Cypress Creek Renewables, LLC	Generation Owner
Borgatti, Mike	Gable and Associates	Not Applicable
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
Brodbeck, John	EDP Renewables North America LLC	Generation Owner
Brouillette, Kyle	Indiana Municipal Power Agency	Electric Distributor



Gates, Jill

# **Draft Minutes**



Brown, David	New Jersey Board of Public Utilities	Not Applicable
Bruno, Joshua	PJM Interconnection	Not Applicable
Bruno, Patrick	PJM Interconnection	Not Applicable
Bryson, Mike	PJM Interconnection	Not Applicable
Burnham, Kat	Advanced Energy Economy	Not Applicable
Callaghan, Christopher	PJM Interconnection	Not Applicable
Campbell, Bruce	Campbell EA	Not Applicable
Canter, David	Appalachian Power Company	Transmission Owner
Carmean, Greg	Organization of PJM States, Inc.	Not Applicable
Carrier, Ron	Big Lake Consulting Group, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection	Not Applicable
Carson, Donna	East Kentucky Power Cooperative, Inc.	Transmission Owner
Chintapalli, Raj	BP Energy Company	Other Supplier
Christopher, Mahila	Public Utilities Commission of Ohio	Not Applicable
Cobb, Patrick	PJM Interconnection	Not Applicable
Colaresi, Chandra	Enerwise Global Technologies, LLC	Other Supplier
Conklin, Tyler	Public Utilities Commission of Ohio	Not Applicable
Corash, Rich	PSEG Energy Resources & Trade LLC	Other Supplier
Cox, Jason	EQ Energy Advisors, LLC	Not Applicable
Croop, Danielle	PJM Interconnection	Not Applicable
Curtis, Kenneth	Drilling Info, Inc.	Not Applicable
D'Antonio, Phil	PJM Interconnection	Not Applicable
Davis, David	Apex Clean Energy	Not Applicable
Dennis, Jeff	Advanced Energy Economy, Inc.	Not Applicable
Dorko, Keri	Monitoring Analytics	Not Applicable
Downs, Jere	PJM Interconnection	Not Applicable
Drendall, Daniel	Midcontinent Independent System Operator	Not Applicable
Drom, Rick	Other	Not Applicable
Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Edmonds,, Brian	Public Service Commission of the District of Columbia	Not Applicable
Esquivel, Manuel	Enel X North America, Inc.	Other Supplier
Falin, Tom	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
Fitch-Fleischmann, Ben	Ascend Analytics	Not Applicable
Foladare, Kenneth	Geenex Solar LLC	Generation Owner
Fryfogle, Tim	ReliabilityFirst Corporation	Not Applicable
<u> </u>		

Not Applicable

PJM Interconnection





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

Glazer, Grant RMI

Gledhill, Andrew PJM Interconnection

Gordon, Jon Advanced Energy Economy

Gorman, Brad Allegheny Power
Graf, Walter PJM Interconnection

Grethen, Dustin Midcontinent Independent System Operator

Guntle, Vince American PowerNet Management

Hastings, David DHAST Co.

Heisey, Brad Tenaska Pennsylvania Partners, LLC

Hepplewhite, Peter Wrigley Capital LLC

Hoatson, Thomas West Deptford Energy, LLC
Hohenshilt, Jennifer Talen Energy Marketing, LLC

Horger, Tim PJM Interconnection

Horning, Lynn American Municipal Power, Inc.

Horstmann, John Dayton Power & Light Company (The)

Hudis, Gabriella Gabel & Associates
Hyzinski, Tom GT Power Group, LLC

Janicki, Diane Boston Energy Trading and Marketing LLC

Jardot, Gina
NRG Curtailment Solutions, Inc.

Jett, Bill
Duke Energy Business Services LLC

Customized Energy Solutions, Ltd.

Jones, Peter Savion, LLC

Jones, Scott Indiana Office of Utility Consumer Counselor Jung, Tari Midcontinent Independent System Operator

Kalaskar, Rahul AES Laurel Mountain, LLC Kauffman, Brian Enel X North America, Inc.

Kayne, Sam Delaware PSC
Keech, Adam PJM Interconnection

Kelly, Stephen Brookfield Renewable Trading and Marketing LP

Kenney, Susan PJM Interconnection

Kerecman, Joseph Calpine Energy Services, L.P.
Knotts, Pam Delaware Public Service Commission

Kogut, George New York Power Authority
Ladin, Sarah New York University

Lawton, Nick Earthjustice

Levitt, Andrew
PJM Interconnection
Liang-Nicol, Cecilia
Allegheny Power
Libbos, Robin
FirstEnergy Corporation

Transmission Owner

Other Supplier
Not Applicable
Not Applicable

Transmission Owner

Not Applicable
Not Applicable

Not Applicable

End-Use Customer

Not Applicable Generation Owner

Other Supplier
Generation Owner
Generation Owner

Not Applicable Electric Distributor

Transmission Owner
Not Applicable
Not Applicable

Other Supplier
Other Supplier

Transmission Owner

Not Applicable
Not Applicable

End-Use Customer Not Applicable

Generation Owner

Other Supplier
Not Applicable
Not Applicable

Other Supplier Not Applicable

Generation Owner Not Applicable

Other Supplier Not Applicable Not Applicable Not Applicable

Transmission Owner
Transmission Owner





Lieberman, Steven American Municipal Power, Inc.

Lu, Chen PJM Interconnection

Mabry, David McNees Wallace & Nurick LLC

Mariam, Yohannes Office of the People's Counsel for the District of Columbia

Marzewski, Skyler PJM Interconnection

Matheson, Eric Other

Mauch, Brandon **Ascend Analytics** 

McClelland, Maura Public Utilities Commission of Ohio (The) McDaniel, John Baltimore Gas and Electric Company McDewell, Christian Pennsylvania Public Utility Commission

McGlynn, Paul PJM Interconnection

McNeil, Justin Office of the Attorney General, Kentucky Midgley, Sharon Exelon Business Services Company, LLC

Millar, David **Ascend Analytics** Mooney, Molly PJM Interconnection Moore, Michelle Green River Holdings, LLC Murray, Kevin McNees Wallace & Nurick LLC Nix, Emma Leeward Asset Management, LLC

Savion, LLC Okenfuss, James

Ondayko, Brock AEP Energy Partners, Inc. Panegal, Ash Apex Clean Energy Patel, Keyur

Philips, Marjorie Riverside Generating Company, L.L.C.

PJM Interconnection

Pilong, Christopher PJM Interconnection Pilong, Melissa PJM Interconnection

Pollard, Albert Other

Procuniar, Jason Dayton Power & Light Company (The)

Pungaliya, Rajat Pine Gate Mid-Atlantic, LLC Quevada, Jason PJM Interconnection

Rasmussen, Jav **Duke Energy Business Services LLC** Reagan, Ryann New Jersey Board of Public Utilities

Roberts, Casey Sierra Club Robinson, Becky Vistra Energy Rocha Garrido, Patricio PJM Interconnection Rodriguez, Eric Sargent & Lundy

Rohrbach, John Wabash Valley Power Association, Inc. Rutigliano, Tom Natural Resources Defense Council

Salaneck, Alexandra Monitoring Analytics, LLC

Sasser, Jonathan Customized Energy Solutions, Ltd. Scarpignato, David Calpine Energy Services, L.P.

Electric Distributor

Not Applicable

Not Applicable

**End-Use Customer** 

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Transmission Owner

Not Applicable

Not Applicable

Not Applicable

Transmission Owner

Not Applicable

Not Applicable

Generation Owner Not Applicable

Generation Owner

Not Applicable

Transmission Owner

Not Applicable

Not Applicable

Generation Owner

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Other Supplier

Not Applicable

Transmission Owner

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

**Electric Distributor** 

Not Applicable

Not Applicable

Not Applicable

Generation Owner





Schmitt, David Schreim, Morris Schuyler, Ken Shah, Neil Shanker, Roy Sloan, Ben Sotkiewicz, Paul Spencer, Mark Sturgeon, John Sussler, Philip Swalwell, Brad Sweeney, Rory Swigonski, Frank Tacka, Natalie Theodore, Sharon Thompson, Quintin Walcavich, Colin Wehnes, Kathleen Wehr, Christopher

New Jersey Board of Public Utilities Maryland Public Service Commission PJM Interconnection Midcontinent Independent System Operator H.Q. Energy Services (U.S.), Inc. Organization of PJM States, Inc. E-Cubed Policy Associates LSP University Park, LLC Duke Energy Carolinas, LLC Maryland Office of People's Counsel Tangent Energy Solutions, Inc. GT Power Group, LLC Pine Gate Renewables PJM Interconnection **Electric Power Supply Association** Midcontinent Independent System Operator Green River Holdings, LLC Maryland Department of the Environment Ohio Edison Company **GT Power Group** 

East Kentucky Power Cooperative, Inc.

Constellation Energy Generation, LLC

Enel Trading North America, LLC

Wilson Energy Economics

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

Author: A. Scheirer

Whitehead, Jeff

Williams, Fernie

Wilson, James

Zamarro, Alexander

Winder, Matt

Provide feedback on the progress of this group: <u>Facilitator Feedback Form</u>
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