

Resource Adequacy Senior Task Force WebEx Only April 11, 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 task force approved the Draft Minutes for the March 24, 2022, 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 (9:15:3:55)

- 2. Zach Ming, Energy+Environmental Economics (E3), presented perspectives on Capacity Market reforms. (9:15-10:15)
- 3. <u>Supply-Side Market Power Mitigation Rules Key Work Activity #9 (10:15 1:30)</u>

A. Joe Bowring presented the IMM package on Market Seller Offer Cap (MSOC).

B. Pat Bruno presented the PJM package on Market Seller Offer Cap (MSOC).

C. Paul Sotkiewicz presented the E-Cubed Policy Associates package on Market Seller Offer Cap (MSOC).

D. Tom Hoatson presented the LS Power package on Market Seller Offer Cap (MSOC).

E. Matrix Development – Packages – Dave Anders led a discussion to continue the Consensus Based Issue Resolution process. The Senior Task Force was asked to provide packages on Market Seller Offer Cap (MSOC). For more information about the CBIR process, please refer to Manual 34 Section 7.

- F. Dave Anders presented a MSOC work plan.
- 12:25-12:40 Lunch Break
- 4. <u>Reliability Risks and Drivers Key Work Activity #2 (1:30-2:55)</u>



- A. Tom Hoatson and Mark Spencer, LS Power, presented perspectives on reliability risks and drivers.
- B. Matrix Development Interest Identification, Design Components and Options, Dave Anders, facilitator, led a discussion to continue the Consensus Based Issue Resolution Process. The Senior Task Force was asked to provide interests, design components and options on reliability risks and drivers. For more information about the CBIR process, please refer to <u>Manual 34 Section 7.</u>

Break 2:55-3:05

5. Procurement Metric and Level - Key Work Activity #3 (3:05-3:15)

A. Matrix Development - Interest Identification and Design Components - Dave Anders, facilitator, led a discussion to begin the Consensus Based Issue Resolution Process. The Senior Task Force was asked to provide interests and design components on the procurement metric and level. For more information about the CBIR process, please refer to <u>Manual 34 Section 7.</u>

6. PJM Staff began education on certain Key Work Activities that relate to the definition of capacity resources. Performance Assessment - Key Work Activity #4, Qualification and Accreditation - Key Work Activity #5, and Obligations of Capacity Resources -Key Work Activity #6. Due to time constraints, this presentation was not completed. This agenda item will be continued at the next meeting. (3.15-4:00)

Next Steps (4:00-4:05)

7. Dave Anders discussed next steps

Future Agenda Items (0:00)

Future Meeting Dates and Materials			Materials	Materials
Date	Time	Location	Due to Secretary	Published
April 11, 2022	9:00 a.m. – 4:00 p.m.	WebEx	April 1, 2022	April 6, 2022
May 4, 2022	9:00 a.m. – 4:00 p.m.	WebEx	April 26, 2022	April 29, 2022
May 26, 2022	9:00 a.m. – 4:00 p.m.	WebEx	May 18, 2022	May 23, 2022
June 23, 2022	9:00 a.m. – 4:00 p.m.	PJM Conference & Training Center / WebEx	June 15, 2022	June 20, 2022
July 15, 2022	9:00 a.m. – 4:00 p.m.	PJM Conference & Training Center / WebEx	July 7, 2022	July 12, 2022
August 8, 2022	9:00 a.m. – 4:00 p.m.	PJM Conference & Training Center / WebEx	July 29, 2022	August 3. 2022





August 31, 2022	9:00 a.m. – 4:00 p.m.	PJM Conference & Training Center / WebEx	August 23, 2022	August 26, 2022

WebEx Attendees

Names Anders, Dave	Company Name	Sector
(Facilitator) Scheirer, Alex	PJM Interconnection	Not Applicable
(Secretary)	PJM Interconnection	Not Applicable
Alfano, Melissa	Solar Energy Industry Association	Not Applicable
Baker, Laura	Stone, Mattheis, Xenopoulos & Brew, PC	Not Applicable
Barker, Jason	Constellation Energy Generation, LLC	Generation Owner
Barmack, Matthew	Calpine Energy Services, L.P.	Generation Owner
Bastian, Jeff	PJM Interconnection	Not Applicable
Beban, Madalyn	PJM Interconnection	Not Applicable Transmission
Benchek, Jim	FirstEnergy Corporation	Owner
Bernabeu, Emanuel	PJM Interconnection	Not Applicable
Borum III, Larry	Illinois Commerce Commission	Not Applicable
Bowring, Joe	Monitoring Analytics, LLC	Not Applicable
Boyle, Glen	PJM Interconnection	Not Applicable
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
Burnham, Kat	Advanced Energy Economy	Not Applicable
Campbell, Bruce	Other	Not Applicable Transmission
Canter, David	Appalachian Power Company	Owner
Cario, Andrea	Allegheny Power	Not Applicable
Carrier, Ron	Big Lake Consulting Group, LLC	Not Applicable
Carroll, Rebecca	PJM Interconnection	Not Applicable Transmission
Castle, Tom	East Kentucky Power Cooperative, Inc.	Owner
Chang, Sean	Shell Energy North America (US), L.P.	Other Supplier
Chmielewski, Brian	PJM Interconnection	Not Applicable
Christopher, Mahila	Public Utilities Commission of Ohio	Not Applicable
Colaresi, Chandra	Enerwise Global Technologies, LLC	Other Supplier
Corash, Rich	PSEG Energy Resources & Trade LLC	Other Supplier Transmission
Cornett, Stephanie	East Kentucky Power Cooperative, Inc.	Owner
Croop, Danielle	PJM Interconnection	Not Applicable
Curtis, Kenneth	Drilling Info, Inc.	Not Applicable



D'Antonio, Philip Davis, Jim Davis, Jim Dorko, Keri

Dorner, Amber Drom, Rick

Dugan, Chuck Ericson, Christine Esterly, Theresa Falin, Tom Fan, Zhenyu Farhat, Michelle

Fee, George Filomena, Guy Fink, Regan Fink, Sari Fitzpatrick, Brian Foladare, Kenneth Ford, Adrien

Foster Cronin, Denise Fuller, Pete Gates, Jill Gilani, Rehan Glatz, Suzanne Glazer, Grant

Gorman, Brad Graf, Walter Hastings, David Hauske, Tom Helm, Gary Herel, Suzanne Hoatson, Thomas Hohenshilt, Jennifer Horger, Tim Horning, Lynn

Horstmann, John Hyzinski, Tom PJM Interconnection

Dominion Energy Generation Marketing, Inc. Dominion Energy Generation Marketing, Inc. Monitoring Analytics

Rockland Electric Company Other

East Kentucky Power Cooperative, Inc. Illinois Commerce Commission PJM Interconnection PJM Interconnection PJM Interconnection PJM Interconnection

Appalachian Power Company Customized Energy Solutions, Ltd. Pine Gate Renewables American Clean Power Association PJM Interconnection Geenex Solar LLC Old Dominion Electric Cooperative

East Kentucky Power Cooperative, Inc. Autumn Lane Energy Consulting LLC PJM Interconnection Consolidated Edison Energy, Inc. PJM Interconnection RMI

Allegheny Power PJM Interconnection DHAST Co. PJM Interconnection PJM Interconnection PJM Interconnection West Deptford Energy, LLC Talen Energy Marketing, LLC PJM Interconnection Customized Energy Solutions, Ltd. Dayton Power & Light Company (The)

GT Power Group, LLC

Not Applicable Generation Owner Generation Owner Not Applicable Transmission Owner Not Applicable Transmission Owner Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Transmission Owner Not Applicable Not Applicable Not Applicable Not Applicable Generation Owner **Electric Distributor** Transmission Owner Not Applicable Not Applicable Other Supplier Not Applicable Not Applicable Transmission Owner Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable **Generation Owner** Generation Owner Not Applicable Not Applicable Transmission Owner Not Applicable



Janicki, Diane Jardot, Gina Johnson, Carl Josyula, Siva Kauffman, Brian Kelly, Stephen Kim, Sung Kirk, Ryan Kogut, George Ladin, Sarah Langbein, Peter Levitt, Andrew Libbos, Robin Lieberman, Steven Lu, Chen Lund, Louisa Mabry, David McDaniel, John Midgley, Sharon Ming, Zachary Mooney, Jeff Mooney, Molly Mroz, David Nix, Emma Novosel, Sarah Ondayko, Brock Pakela, Gregory Patel, Keyur Perera, Asanga Procuniar, Jason Pungaliya, Rajat Quevada, Jason Robinson, Becky Rocha-Garrido, Patricio Rohrbach, John Rutigliano, Tom

Rutledge, Craig

Boston Energy Trading and Marketing LLC NRG Curtailment Solutions, Inc. Customized Energy Solutions, Ltd. Monitoring Analytics Enel X North America, Inc. Brookfield Renewable Trading and Marketing LP **PJM Interconnection** AEP Appalachian Transmission Company, Inc. New York Power Authority New York University **PJM Interconnection** PJM Interconnection FirstEnergy Corporation American Municipal Power, Inc. PJM Interconnection

Daymark Energy Advisors McNees Wallace & Nurick LLC

Baltimore Gas and Electric Company

Exelon Business Services Company, LLC E3 Pennsylvania Electric Company PJM Interconnection PJM Interconnection Jersey Green Energy LLC Calpine Energy Services, L.P.

AEP Energy Partners, Inc. DTE Energy Trading, Inc. PJM Interconnection PJM Interconnection Dayton Power & Light Company (The) Pine Gate Mid-Atlantic, LLC PJM Interconnection Vistra Energy PJM Interconnection Wabash Valley Power Association, Inc. Natural Resources Defense Council

Appalachian Power Company

Other Supplier Other Supplier Not Applicable Not Applicable Other Supplier Other Supplier Not Applicable Transmission Owner Other Supplier Not Applicable Not Applicable Not Applicable Transmission Owner **Electric Distributor** Not Applicable Not Applicable Not Applicable Transmission Owner Transmission Owner Not Applicable **Electric Distributor** Not Applicable Not Applicable Other Supplier **Generation Owner** Transmission Owner Not Applicable Not Applicable Not Applicable Not Applicable Other Supplier Not Applicable Not Applicable Not Applicable Electric Distributor Not Applicable Transmission

Owner



Salaneck, Alexandra Sasser, Jonathan Scarpignato, David Scheidecker, Paul Schmitt, David Schuyler, Ken Shanker, Roy Sillin, John Sotkiewicz, Paul Spencer, Mark Steichen, Renae Stupar, Rob Svenson, Heather Swalwell, Brad Sweeney, Rory Theodore, Sharon VanderLaan, Bill Walcavich, Colin Warshel, Kim

Watson, Brian Webster, John Whitehead, Jeff Whitehead, Jeff Willson, Miranda Wilson, James Yoder, Michael Monitoring Analytics, LLC Customized Energy Solutions, Ltd. Calpine Energy Services, L.P. **PJM Interconnection** New Jersey Board of Public Utilities **PJM Interconnection** H.Q. Energy Services (U.S.), Inc. Federal Energy Regulatory Commission E-Cubed Policy Associates LSP University Park, LLC West Deptford Energy, LLC Invenergy Energy Management LLC **PSEG Energy Resources & Trade LLC** Tangent Energy Solutions, Inc. GT Power Group, LLC **Electric Power Supply Association** Illinois Commerce Commission Green River Holdings, LLC **PJM Interconnection**

Appalachian Power Company Icetec.com, Inc. GT Power Group GT Power Group E&E News Wilson Energy Economics RTO Insider Not Applicable Not Applicable **Generation Owner** Not Applicable Not Applicable Not Applicable Other Supplier Not Applicable Not Applicable **Generation Owner** Generation Owner **Generation Owner** Other Supplier Other Supplier Not Applicable Not Applicable Not Applicable Generation Owner Not Applicable Transmission Owner Other Supplier Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable

Author: A. Scheirer



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