

Resource Adequacy Senior Task Force PJM Conference & Training Center / WebEx September 22, 2022 9:00 a.m. – 3:00 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 August 31 2022.

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

Education and CBIR (9:10-2:55)

- 2. Patricio Rocha Garrido, PJM, reviewed analysis performed in response to <u>data & analysis requests</u> submitted by stakeholders.
- 3. Andrew Levitt, PJM, provided education on locational/transmission aspects of the capacity market, e.g. LDAs, CETO, and CETL.
- 4. Stakeholders presented perspectives on high-level design concepts on several key work activities.
 - a. Joe Bowring, IMM
 - b. Tom Rutigliano, NRDC
 - c. Zach Ming, E3 on behalf of Calpine
 - d. Grant Glazer, RMI (deferred to the October 11 meeting due to time constraints)
- Matrix Development Solution Options Dave Anders will lead a discussion to continue the Consensus Based Issue Resolution process. The Senior Task Force will be asked to provide solution options for key work activities. For more information about the CBIR process, please refer to Manual 34 Section 7. (Deferred to future meetings due to time constraints)
 - A. Reliability Risks and Drivers (Key Work Activity 2)
 - B. Procurement Level and Metric (Key Work Activity 3)
 - C. Performance Assessment (Key Work Activity 4)
 - D. Qualification and Accreditation (Key Work Activity 5)
 - E. Obligations of Capacity Resources (Key Work Activity 6)



Next Steps (2:55-3:00)

6. Dave Anders discussed next steps.

Future Agenda Items (0:00)

Future Meeting Dates and Materials			Materials Due	Materials
Date	Time	Location	to Secretary	Published
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

In Person Attendees

Names

Anders, Dave (Facilitator)	PJM Interconnection	Not Applicable
Scheirer, Alex (Secretary)	PJM Interconnection	Not Applicable
Benchek, Jim	FirstEnergy Corporation	Transmission Owner
Bruno, Pat	PJM Interconnection	Not Applicable
Carroll, Becky	PJM Interconnection	Not Applicable
Ford, Adrien	Old Dominion Electric Cooperative	Electric Distributor
Graf, Walter	PJM Interconnection	Not Applicable
Helm, Gary	PJM Interconnection	Not Applicable
Kogut, George	New York Power Authority	Other Supplier
Scarpignato, David	Calpine Energy Services, L.P.	Generation Owner

Company Name

WebEx Attendees

Names	Company Name	Secto
Akinkuolie, Hassan	Appalachian Power Company	Tran
Anderson, Jared	S&P Global Inc.	Not A
Baker, Laura	Stone, Mattheis, Xenopoulos & Brew, PC	Not A
Baker, Scott	PJM Interconnection	Not A
Barker, Jason	Constellation Energy Generation, LLC	Gene
Barmack, Matt	Calpine Energy Services, L.P.	Gene
Bernabeu, Emanuel	PJM Interconnection	Not /
Bischof, Zander	MN8 Energy LLC	Not /
Borgatti, Mike	Gable and Associates	Not A
Bowring, Joe	Monitoring Analytics, LLC	Not A
Bradley, Gregg	EDF Trading North America, LLC	Othe

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Transmission Owner Not Applicable Not Applicable Generation Owner Generation Owner Not Applicable Not Applicable Not Applicable Not Applicable Other Supplier



Draft Minutes

Breidenbaugh, Aaron Bresler, Stu Brodbeck, John Bruce, Susan Bruno, Joshua Bryson, Mike Burnham, Kat Burwen, Jason Callen, Zachary Campbell, Bruce Canter, David Carmean, Gregory Carrier, Ron Carson, Donna Chmielewski, Brian Christopher, Mahila Cocco, Michael Colaresi, Chandra Corash, Rich Croop, Danielle Curtis, Kenneth D'Antonio, Phil Davis, Jim Dorko, Keri Downs, Jere Drom, Rick Dugan, Chuck Falin, Tom Fan, Zhenyu Fee, George Filomena, Guy Fink, Regan Fink, Sari Fitch, Neal Fitzpatrick, Brian Foladare, Kenneth Foster Conin, Denise Fuess, Christian Gaddes, Caleb Gilani, Rehan

Rodan Energy Solutions (USA) Inc. **PJM Interconnection** EDP Renewables North America LLC McNees Wallace & Nurick LLC **PJM Interconnection PJM Interconnection** Advanced Energy Economy American Clean Power Association Illinois Commerce Commission Campbell EA Appalachian Power Company Organization of PJM States, Inc. Big Lake Consulting Group, LLC East Kentucky Power Cooperative, Inc. **PJM Interconnection** Public Utilities Commission of Ohio Old Dominion Electric Cooperative Enerwise Global Technologies, LLC PSEG Energy Resources & Trade LLC **PJM Interconnection** Drilling Info, Inc. **PJM Interconnection** Dominion Energy Generation Marketing, Inc. Monitoring Analytics **PJM Interconnection** Other East Kentucky Power Cooperative, Inc. **PJM Interconnection PJM Interconnection** Appalachian Power Company Customized Energy Solutions, Ltd. **Pine Gate Renewables** American Clean Power Association NRG Power Marketing, LLC **PJM Interconnection** Geenex Solar LLC East Kentucky Power Cooperative, Inc. PBF Power Marketing, LLC Whitetail Solar 1, LLC Consolidated Edison Energy, Inc.

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Glazer, Grant

Gledhill, Andrew Gordon, Jon Gorman, Brad Greene, Benjamin Guntle, Vince Haas, Howard Halland, Jessica Hartung, Shanna Hastings, David Hauske, David Hauske, Tom Hayik, Seth Heinle, Erik Hepplewhite, Peter Hoatson, Thomas Hohenshilt, Jennifer Horger, Tim Horning, Lynn Horstmann, John Hsia, Eric Hudis, Gabriella Hull, Gerit Hyzinski, Tom ller, Art Janicki, Diane Jett, Bill Johnson, Carl Johnston, Dave Jones, Scott Kalaskar, Rahul Kauffman, Brian Keech, Adam Kelly, Stephen Kenney, Susan Kothakapu, Rakesh LaRocque, Matt Levitt, Andrew Liang-Nicol, Cecilia Libbos, Robin

RMI

PJM Interconnection Advanced Energy Economy Allegheny Power AEP Appalachian Transmission Company, Inc. American PowerNet Management Monitoring Analytics, LLC Grid Beyond **PJM Interconnection** DHAST Co. **PJM Interconnection PJM Interconnection PJM Interconnection** Office of the People's Counsel for the District of Columbia Wrigley Capital LLC West Deptford Energy, LLC Talen Energy Marketing, LLC PJM Interconnection American Municipal Power, Inc. Dayton Power & Light Company (The) **PJM Interconnection** Gabel & Associates American Municipal Power, Inc. GT Power Group, LLC Indiana Office of Utility Consumer Counsel Boston Energy Trading and Marketing LLC Duke Energy Business Services LLC Customized Energy Solutions, Ltd. Indiana Utility Regulatory Commission Indiana Office of Utility Consumer Counselor AES Laurel Mountain, LLC Enel X North America, Inc. **PJM Interconnection** Brookfield Renewable Trading and Marketing LP **PJM Interconnection** Illinois Municipal Electric Agency PJM Interconnection **PJM Interconnection** Allegheny Power FirstEnergy Corporation

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Draft Minutes

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PJM Interconnection Public Service Electric and Gas Company McNees Wallace & Nurick LLC PJM Interconnection Ascend Analytics Baltimore Gas and Electric Company Pennsylvania Public Utility Commission **PJM Interconnection** Office of the Attorney General, Kentucky Exelon Business Services Company, LLC Calico Energy E3 **PJM Interconnection PJM Interconnection** McNees Wallace & Nurick LLC Leeward Asset Management, LLC Calpine Energy Services, L.P. PJM Interconnection AEP Energy Partners, Inc. DTE Energy Trading, Inc. TransAlta Energy Marketing (U.S.) Inc. **PJM Interconnection PJM Interconnection** Other Organization of PJM States, Inc. Dayton Power & Light Company (The) Pine Gate Mid-Atlantic, LLC **PJM Interconnection** Northern Virginia Electric Cooperative New Jersey Board of Public Utilities Sierra Club Vistra Energy **PJM Interconnection** Wabash Valley Power Association, Inc. Natural Resources Defense Council Appalachian Power Company Monitoring Analytics, LLC Customized Energy Solutions, Ltd. Monitoring Analytics, LLC Enerwise Global Technologies, LLC

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Draft Minutes

Schmitt, David Schuyler, Ken Shanker, Roy Siegner, Katie Sliwa, Stanley Sloan, Ben Sotkiewicz, Paul Stupar, Rob Sturgeon, John Sussler, Philip Svenson, Heather Swalwell, Brad Sweeney, Rory Teplin, Chaz Tesfa, Nebiat Tribulski, Jennifer Watson, Brian Wehnes, Kathleen Whitehead, Jeff Widom, Stuart Wilson, James Yasutake, Sarah

New Jersey Board of Public Utilities **PJM Interconnection** H.Q. Energy Services (U.S.), Inc. RMI **PJM Interconnection** Organization of PJM States, Inc. E-Cubed Policy Associates Invenergy Energy Management LLC Duke Energy Carolinas, LLC Maryland Office of People's Counsel PSEG Energy Resources & Trade LLC Tangent Energy Solutions, Inc. GT Power Group, LLC RMI **PJM Interconnection PJM Interconnection** Appalachian Power Company Maryland Department of the Environment GT Power Group **PJM Interconnection** Wilson Energy Economics Gable and Associates

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Author: A. Scheirer

Provide feedback on the progress of this group: <u>*Facilitator Feedback Form*</u> Visit <u>*learn.pjm.com*</u>, an easy-to-understand resource about the power industry and PJM's role.