



Resource Adequacy Senior Task Force WebEx Only June 13, 2022 9:00 a.m. – 1:00 p.m. EPT

#### Administration (9:00-9:05)

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.

Note: This meeting was a continuation of the June 10, 2022, RASTF meeting.

#### CBIR (9:05-12:55)

Supply-Side Market Power Mitigation Rules - Key Work Activity 9

- 2. Pat Bruno, PJM, reviewed the narrow Market Seller Offer Cap (MSOC) package proposal. **The senior** task force was asked to vote on the package following the meeting. (9:05-9:45)
- 3. Joe Bowring and Siva Josyula, IMM, presented CPQR methodology and examples. (9:45-12:10)
- 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.
  - A. Paul Sotkiewicz, E-Cubed Policy Associates, presented back-casting calculations related to his solution package for the comprehensive MSOC topic. (12:10-1:20)
  - B. Matrix review (0:00-0:00)

#### **Next Steps (1:20:1:30)**

5. Dave Anders discussed next steps

#### Future Agenda Items (0:00)

Energy and Ancillary Services Offset Education

<b>Future Meeting</b>	Dates and Materials	Materials Due	Materials		
Date	Time	Location	to Secretary	Published	
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	
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

### WebEx Attendees

Anders, Dave (Facilitator) Scheirer, Alex (Secretary) PJM Interconnection Not Applicable Abdur-Rahman, Muhsin Dynegy Marketing & Trade, LLC Generation Owner Barker, Jason Constellation Energy Generation, LLC Generation Owner Barmack, Matt Calpine Energy Services, L.P. Generation Owner Bastian, Jeff PJM Interconnection Not Applicable Benchek, Jim FirstEnergy Corporation Transmission Owner Bernabeu, Emanuel PJM Interconnection Not Applicable Bernstein, Matthew PJM Interconnection Not Applicable Berry, Matthew EnergyHub Not Applicable Bowring, Joe Monitoring Analytics, LLC Not Applicable Brosler, Stu PJM Interconnection Not Applicable Brosler, Stu PJM Interconnection Not Applicable Brodbeck, John EDP Renewables North America LLC Generation Owner Bruce, Susan McNees Wallace & Nurick LLC Not Applicable Bruno, Patrick PJM Interconnection Not Applicable Brude, Susan McNees Wallace & Nurick LLC Not Applicable Brude, Tim PJM Interconnection Not Applicable Canter, David Appalachian Power Company Transmission Owner Carmean, Gregory Organization of PJM States, Inc. Not Applicable Carroll, Rebecca PJM Interconnection Not Applicable Carroll, Rebecca PJM Interconnection Not Applicable Carroll, Rebecca PJM Interconnection Not Applicable Corash, Rich PSEG Energy Resources & Trade LLC Other Supplier Corash, Rich PSEG Energy Resources & Trade LLC Other Supplier Corash, Rich PSEG Energy Resources & Trade LLC Other Supplier Corash, Rich PSEG Energy Resources & Trade LLC Other Supplier Corash, Rich PSEG Energy Resources & Trade LLC Other Supplier Corash, Rick Other Domer, Amber Rockland Electric Company Transmission Owner Douglass, Robert Exelon Generation Co., LLC Generation Owner Fransmission Owner Douglass, Robert Exelon Generation Co., LLC Generation Owner Fransmission Owner Douglass, Robe	Names	Company Name	Sector
Abdur-Rahman, Muhsin         Dynegy Marketing & Trade, LLC         Generation Owner           Barker, Jason         Constellation Energy Generation, LLC         Generation Owner           Barmack, Matt         Calpine Energy Services, L.P.         Generation Owner           Bastian, Jeff         PJM Interconnection         Not Applicable           Benchek, Jim         FirstEnergy Corporation         Transmission Owner           Bernabeu, Emanuel         PJM Interconnection         Not Applicable           Bernstein, Matthew         PJM Interconnection         Not Applicable           Berry, Matthew         EnergyHub         Not Applicable           Bowring, Joe         Monitoring Analytics, LLC         Not Applicable           Brodbeck, John         EDP Renewables North America LLC         Generation Owner           Bruce, Susan         McNees Wallace & Nurick LLC         Not Applicable           Bruno, Patrick         PJM Interconnection         Not Applicable           Burdis, Tim         PJM Interconnection         Not Applicable           Canter, David         Appalachian Power Company         Transmission Owner           Carrier, Ron         Big Lake Consulting Group, LLC         Not Applicable           Carrier, Ron         Big Lake Consulting Group, LLC         Not Applicable           Colar	Anders, Dave (Facilitator)	PJM Interconnection	Not Applicable
Barker, Jason Constellation Energy Generation, LLC Generation Owner Barmack, Matt Calpine Energy Services, L.P. Generation Owner Bastian, Jeff PJM Interconnection Not Applicable Benchek, Jim FirstEnergy Corporation Transmission Owner Bernabeu, Emanuel PJM Interconnection Not Applicable Bernstein, Matthew PJM Interconnection Not Applicable Berry, Matthew EnergyHub Not Applicable Berry, Matthew EnergyHub Not Applicable Bersier, Stu PJM Interconnection Not Applicable Browling, Joe Monitoring Analytics, LLC Not Applicable Brodbeck, John EDP Renewables North America LLC Generation Owner Bruce, Susan McNees Wallace & Nurick LLC Not Applicable Bruno, Patrick PJM Interconnection Not Applicable Bruno, Patrick PJM Interconnection Not Applicable Burdis, Tim PJM Interconnection Not Applicable Carter, David Appalachian Power Company Transmission Owner Carmean, Gregory Organization of PJM States, Inc. Not Applicable Carrier, Ron Big Lake Consulting Group, LLC Not Applicable Carroll, Rebecca PJM Interconnection Not Applicable Corroll, Rebecca PJM Interconnection Not Applicable Colaresi, Chandra Enerwise Global Technologies, LLC Other Supplier Corash, Rich PSEG Energy Resources & Trade LLC Other Supplier Corash, Rich PSEG Energy Resources & Trade LLC Other Supplier Cox, Jason EQ Energy Advisors, LLC Not Applicable D'Antonio, Philip PJM Interconnection Not Applicable Dorner, Amber Rockland Electric Company Transmission Owner Douglass, Robert Exelon Generation Co., LLC Generation Owner Douglass, Robert Exelon Generation Co., LLC Generation Owner Elkins, Rachel American Transmission Systems, Inc. Transmission Owner Elkins, Rachel American Transmission Systems, Inc.	Scheirer, Alex (Secretary)	PJM Interconnection	Not Applicable
Barmack, Matt Calpine Energy Services, L.P. Generation Owner Bastian, Jeff PJM Interconnection Not Applicable Benchek, Jim FirstEnergy Corporation Transmission Owner Bernabeu, Emanuel PJM Interconnection Not Applicable Bernstein, Matthew PJM Interconnection Not Applicable Berry, Matthew EnergyHub Not Applicable Bowring, Joe Monitoring Analytics, LLC Not Applicable Brostler, Stu PJM Interconnection Not Applicable Brodbeck, John EDP Renewables North America LLC Generation Owner Bruce, Susan McNees Wallace & Nurick LLC Not Applicable Bruno, Patrick PJM Interconnection Not Applicable Burdis, Tim PJM Interconnection Not Applicable Burdis, Tim PJM Interconnection Not Applicable Canter, David Appalachian Power Company Transmission Owner Carmean, Gregory Organization of PJM States, Inc. Not Applicable Carroll, Rebecca PJM Interconnection Not Applicable Carroll, Rebecca PJM Interconnection Not Applicable Colaresi, Chandra Enerwise Global Technologies, LLC Other Supplier Corash, Rich PSEG Energy Resources & Trade LLC Other Supplier Corash, Rich PSEG Energy Resources & Trade LLC Other Supplier Corop, Danielle PJM Interconnection Not Applicable D'Antonio, Philip PJM Interconnection Not Applicable D'Antonio, Philip PJM Interconnection Not Applicable Domer, Amber Rockland Electric Company Transmission Owner Douglass, Robert Exelon Generation Co., LLC Generation Owner Douglass, Robert Exelon Generation Co., LLC Generation Owner Elkins, Rachel American Transmission Systems, Inc. Transmission Owner Elkins, Rachel American Transmission Systems, Inc. Transmission Owner	Abdur-Rahman, Muhsin	Dynegy Marketing & Trade, LLC	Generation Owner
Bastian, Jeff         PJM Interconnection         Not Applicable           Benchek, Jim         FirstEnergy Corporation         Transmission Owner           Bernabeu, Emanuel         PJM Interconnection         Not Applicable           Berrstein, Matthew         PJM Interconnection         Not Applicable           Berry, Matthew         EnergyHub         Not Applicable           Bowring, Joe         Monitoring Analytics, LLC         Not Applicable           Bresler, Stu         PJM Interconnection         Not Applicable           Brodbeck, John         EDP Renewables North America LLC         Generation Owner           Bruce, Susan         McNees Wallace & Nurick LLC         Not Applicable           Bruno, Patrick         PJM Interconnection         Not Applicable           Bruno, Patrick         PJM Interconnection         Not Applicable           Burdis, Tim         PJM Interconnection         Not Applicable           Canter, David         Appalachian Power Company         Transmission Owner           Carrier, Ron         Big Lake Consulting Group, LLC         Not Applicable           Carrier, Ron         Big Lake Consulting Group, LLC         Not Applicable           Chmielewski, Brian         PJM Interconnection         Not Applicable           Colaresi, Chandra         Enerwise Global	Barker, Jason	Constellation Energy Generation, LLC	Generation Owner
Benchek, Jim FirstEnergy Corporation Transmission Owner Bernabeu, Emanuel PJM Interconnection Not Applicable Bernstein, Matthew PJM Interconnection Not Applicable Berry, Matthew EnergyHub Not Applicable Bowring, Joe Monitoring Analytics, LLC Not Applicable Bresler, Stu PJM Interconnection Not Applicable Bresler, Stu PJM Interconnection Not Applicable Brodbeck, John EDP Renewables North America LLC Generation Owner Bruce, Susan McNees Wallace & Nurick LLC Not Applicable Bruno, Patrick PJM Interconnection Not Applicable Burdis, Tim PJM Interconnection Not Applicable Ocanter, David Appalachian Power Company Transmission Owner Carrnean, Gregory Organization of PJM States, Inc. Not Applicable Carroll, Rebecca PJM Interconnection Not Applicable Carroll, Rebecca PJM Interconnection Not Applicable Chmielewski, Brian PJM Interconnection Not Applicable Colaresi, Chandra Enerwise Global Technologies, LLC Other Supplier Corash, Rich PSEG Energy Resources & Trade LLC Other Supplier Cox, Jason EQ Energy Advisors, LLC Not Applicable D'Antonio, Philip PJM Interconnection Not Applicable D'Antonio, Philip PJM Interconnection Not Applicable Dovin, Davis, David Appe Clean Energy Not Applicable Dovin, Davis, David Appe Clean Energy Not Applicable Dorner, Amber Rockland Electric Company Transmission Owner Douglass, Robert Exelon Generation Co., LLC Generation Owner Douglass, Robert Exelon Generation Co., LLC Generation Owner Elkins, Rachel American Transmission Systems, Inc. Transmission Owner Esquivel, Manuel Enel X North America, Inc. Other Supplier Falin, Tom PJM Interconnection Not Applicable	Barmack, Matt	Calpine Energy Services, L.P.	Generation Owner
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Bernstein, Matthew PJM Interconnection Not Applicable Berry, Matthew EnergyHub Not Applicable Bowring, Joe Monitoring Analytics, LLC Not Applicable Bresler, Stu PJM Interconnection Not Applicable Brodbeck, John EDP Renewables North America LLC Generation Owner Bruce, Susan McNees Wallace & Nurick LLC Not Applicable Bruno, Patrick PJM Interconnection Not Applicable Burdis, Tim PJM Interconnection Not Applicable Burdis, Tim PJM Interconnection Not Applicable Canter, David Appalachian Power Company Transmission Owner Carmean, Gregory Organization of PJM States, Inc. Not Applicable Carrier, Ron Big Lake Consulting Group, LLC Not Applicable Carriell, Rebecca PJM Interconnection Not Applicable Chmielewski, Brian PJM Interconnection Not Applicable Colaresi, Chandra Enerwise Global Technologies, LLC Other Supplier Corash, Rich PSEG Energy Resources & Trade LLC Other Supplier Cox, Jason EQ Energy Advisors, LLC Not Applicable D'Antonio, Philip PJM Interconnection Not Applicable D'Antonio, Philip PJM Interconnection Not Applicable Davis, David Apex Clean Energy Not Applicable Davis, David Apex Clean Energy Not Applicable Dorner, Amber Rockland Electric Company Transmission Owner Douglass, Robert Exelon Generation Co., LLC Generation Owner Douglass, Robert Exelon Generation Co., LLC Generation Owner Elkins, Rachel American Transmission Systems, Inc. Transmission Owner Elkins, Rachel American Transmission Systems, Inc.	Benchek, Jim	FirstEnergy Corporation	Transmission Owner
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Esquivel, Manuel Enel X North America, Inc. Other Supplier Falin, Tom PJM Interconnection Not Applicable	Dugan, Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Falin, Tom PJM Interconnection Not Applicable	Elkins, Rachel	American Transmission Systems, Inc.	Transmission Owner
	Esquivel, Manuel	Enel X North America, Inc.	Other Supplier
Fee, George Appalachian Power Company Transmission Owner	Falin, Tom	PJM Interconnection	Not Applicable
	Fee, George	Appalachian Power Company	Transmission Owner





Filomena, Guy	Customized Energy Solutions, Ltd.	Not	Applic	able
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Foladare, Kenneth Geenex Solar LLC Generation Owner

Ford, Adrien Old Dominion Electric Cooperative **Electric Distributor** Gates, Jill PJM Interconnection Not Applicable

Gilani, Rehan Consolidated Edison Energy, Inc. Other Supplier Glazer, Craig PJM Interconnection Not Applicable

Gordon, Jon Advanced Energy Economy Not Applicable

Gorman, Brad Allegheny Power Transmission Owner

Graf, Walter PJM Interconnection Not Applicable

Hastings, David DHAST Co. Not Applicable

Heinle, Erik **End-Use Customer** Office of the People's Counsel for the District of Columbia Hoatson, Thomas West Deptford Energy, LLC Generation Owner

Hohenshilt, Jennifer Talen Energy Marketing, LLC Generation Owner

PJM Interconnection

Horger, Tim Not Applicable Horning, Lynn Customized Energy Solutions, Ltd. Not Applicable

Hull, Gerit American Municipal Power, Inc. Electric Distributor

Hyzinski, Tom GT Power Group, 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 Kalaskar, Rahul AES Laurel Mountain, LLC Generation Owner Kayne, Sam Delaware PSC Not Applicable

Kelly, Stephen Brookfield Renewable Trading and Marketing LP Other Supplier

Kogut, George New York Power Authority Other Supplier Langbein, Peter PJM Interconnection Not Applicable Lee, Brian Wabash Valley Power Association, Inc. **Electric Distributor** 

Levitt, Andrew PJM Interconnection Not Applicable Liang-Nicol, Cecilia Allegheny Power Transmission Owner

Lieberman, Steven American Municipal Power, Inc. **Electric Distributor** 

Lu, Chen PJM Interconnection Not Applicable Matheson, Eric Other Not Applicable

McDewell, Christian Pennsylvania Public Utility Commission Not Applicable Midgley, Sharon Exelon Business Services Company, LLC Transmission Owner

Nix, Emma Leeward Asset Management, LLC Generation Owner Okenfuss, James Savion, LLC Not Applicable

AEP Energy Partners, Inc. Transmission Owner Ondayko, Brock

Dayton Power & Light Company (The) Procuniar, Jason Not Applicable Reagan, Ryann New Jersey Board of Public Utilities Not Applicable Robinson, Becky Vistra Energy Not Applicable

Not Applicable Rocha Garrido, Patricio PJM Interconnection





Rohrbach, John Rutledge, Craig Salaneck, Alexandra Sasser, Jonathan Scarpignato, David

Scarpignato, David Schisler, Ken Shanker, Roy Sloan, Ben Sotkiewicz, Paul Stern, Alex

Stupar, Rob Svenson, Heather Swalwell, Brad Sweeney, Rory

Szeto, Connie Terranova, Chris Tribulski, Jennifer Walcavich, Colin

Watson, Brian Whitehead, Jeff Wilson, James

Wray, Gizelle

Author: A. Scheirer

Wabash Valley Power Association, Inc.

Appalachian Power Company Monitoring Analytics, LLC

Customized Energy Solutions, Ltd.
Calpine Energy Services, L.P.
Enerwise Global Technologies, LLC
H.Q. Energy Services (U.S.), Inc.
Organization of PJM States, Inc.

Public Service Electric & Gas Company Invenergy Energy Management LLC PSEG Energy Resources & Trade LLC

Tangent Energy Solutions, Inc.

E-Cubed Policy Associates

GT Power Group, LLC

Orsted Onshore North America, LLC

PJM Interconnection
PJM Interconnection
Green River Holdings, LLC
Appalachian Power Company

**GT Power Group** 

Wilson Energy Economics

Savion, LLC

Electric Distributor

Transmission Owner

Not Applicable Not Applicable

Generation Owner
Other Supplier

Other Supplier Not Applicable Not Applicable

Transmission Owner

Generation Owner
Other Supplier

Other Supplier
Not Applicable

Generation Owner
Not Applicable
Not Applicable

Generation Owner
Transmission Owner

Not Applicable Not Applicable Not Applicable

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